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USAFETAC/DS-94037



STATION CLIMATIC SUMMARIES

China, the Former USSR, and Mongolia

FEBRUARY 1994

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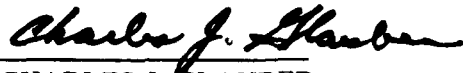
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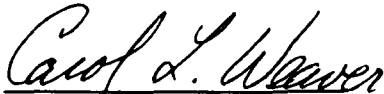
REVIEW AND APPROVAL STATEMENT

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CHARLES J. GLAUBER
Chief, Environmental Applications Branch

FOR THE COMMANDER



CAROL L. WEAVER, PhD
Scientific and Technical Information
Program Manager
3 February 1994

REPORT DOCUMENTATION PAGE

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13. Abstract: A collection of summarized monthly and annual climatic data for specific locations in China, the former Union of Soviet Socialist Republics (USSR), and Mongolia. The last entry in this collection is February 1992. Summarized climatological elements are: percent frequency of occurrence of ceiling and visibility; means, extremes and number of days with specified values of temperature, precipitation, and snowfall; means of relative humidity, vapor pressure, dew point, pressure altitude, and cloud cover; prevailing wind direction, with mean and extreme speeds; and number of days with thunderstorms and fog.
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Availability Codes	
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STATION CLIMATIC SUMMARIES

The "Station Climatic Summary" series is assembled and published by the USAF Environmental Technical Applications Center (USAFETAC). The series comprises regional collections of short climatological data summaries for specific stations worldwide. Formats have evolved over the years and as the collections grow larger there is more variety in the way the data is presented. For example, a typical dataset for a given station might include the "AWS Climatic Brief" and an addendum. An "Operational Climatic Data Summary" (or OCDS) might constitute another dataset for certain stations. A two-page "OCDS Supplement" may supplement an AWS Climatic Brief. There may be combinations of all of these. The two main data types are described below:

AWS Climatic Brief: A computer-prepared summary of monthly and annual climatic data for an individual station. If there are shortfalls or limitations in the station's database, the brief will be labeled as "limited," with the reasons included in remarks. Some older briefs are accompanied by an "Addendum." USAFETAC's Operating Location A at Asheville, NC, creates a new climatic brief whenever it prepares a new Surface Observations Climatic Summary (SOCS--formerly RUSSWO, Revised Uniform Summary of Surface Observations) or updates an existing one. A new SOCS is prepared whenever an initial 5-year period of record becomes available. Existing SOCS/RUSSWOs are updated whenever 5 additional years of data are added to the original database. For a brief period in 1988, AWS Climatic Briefs were produced manually, using data provided by OL-A. These products spanned the breach between the older AWS Climatic Brief and the fully automated version now being produced as a part of each SOCS.

Operational Climatic Data Summary: A four-page typewritten summary of monthly and annual climatic data prepared by USAFETAC/DOC when the creation of a standard climatic brief is impractical because of lack of data (period of record too short for SOCS creation, no "summary of day" data available) or to answer a short-notice request. DOC normally uses the latest 10-year period of record (hourly data), more if available. These data are supplemented from other sources such as earlier periods of record, data from contemporary and/or earlier stations, and published data from other sources. All sources are given in the legend. A two-page "Operational Climatic Data Summary Supplement" may follow either of the two preceding data types. OCDSs are not routinely updated.

Which Product to Use? Normally, only one of the two products described above is prepared for a given station; however, when a station has both an "AWS Climatic Brief" and an "Operational Climatic Data Summary," users should decide (from data source and POR) which is the better product for a particular application.

Data Included. The datasets described above normally include monthly and annual climatic data for at least the following elements: Temperature (means and extremes, daily and monthly); relative humidity, vapor pressure, and dew point; pressure altitude, surface winds, precipitation, and mean cloud cover; thunderstorm and fog occurrence (mean number of days); and flying weather by ceiling and visibility categories.

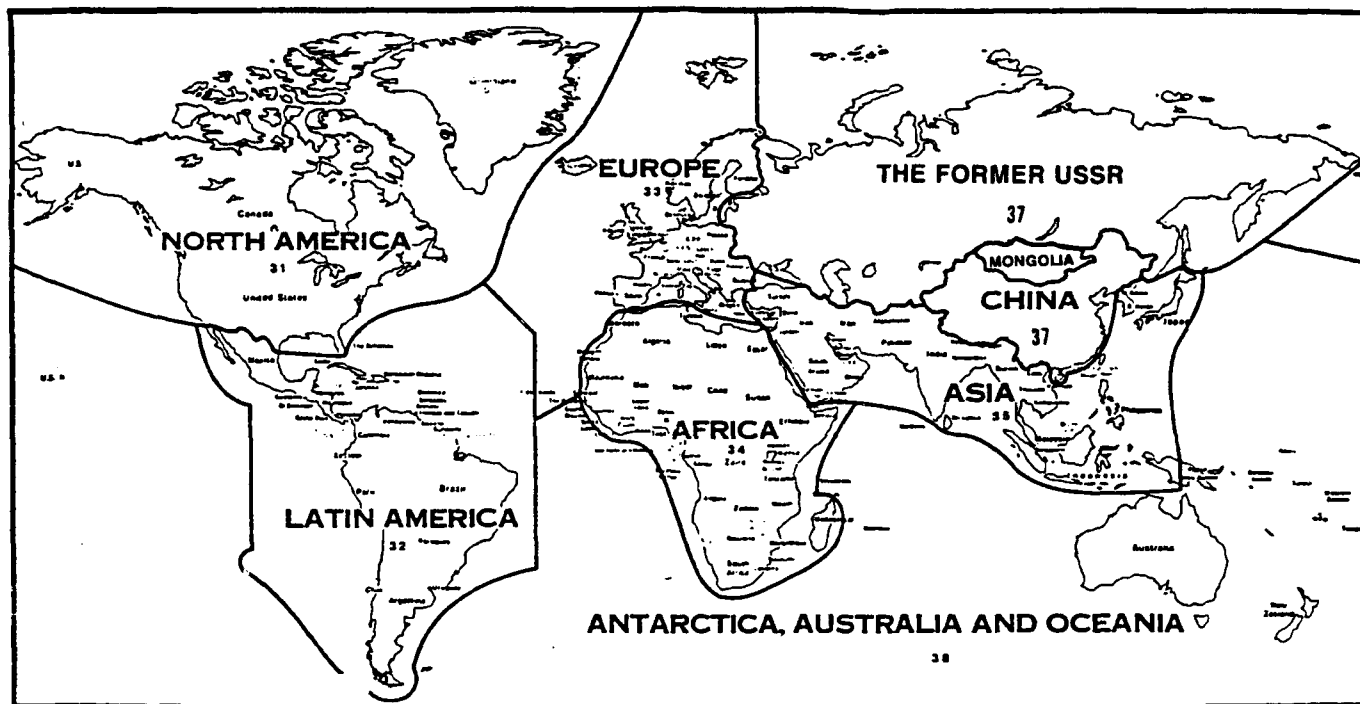
Questions or Comments? Contact USAFETAC/DOC, Scott AFB, IL 62225-5116, DSN 576-3158.

Regional collections of climatic summaries are published as "data summaries"--numbered as below--for each of the seven major geographical areas listed and shown on the map. Each collection is revised when and as required. When a revision is issued, the "DS" end number remains the same (i.e., North America is 031, Europe is 033, and so on); only the year of issue changes. The map shows regional boundaries that correspond to the numbers assigned each volume.

USAFETAC/DS-XX/031 North America
Volume 1 Contiguous United States
Volume 2 Alaska, Canada, and Greenland
 USAFETAC/DS-XX/032 Latin America
Volume 1 Mexico and Central America
Volume 2 Caribbean Islands and West Indies
Volume 3 South America

USAFETAC/DS-XX/033 Europe
 USAFETAC/DS-XX/034 Africa
 USAFETAC/DS-XX/035 Asia
 USAFETAC/DS-XX/037 China, the Former USSR, and Mongolia
 USAFETAC/DS-XX/038 Antarctica, Australia, and Oceania

*USAFETAC/DS-XX/036, China, was merged with USAFETAC/DS-XX/037 in 1990.



ALPHABETICAL STATION LISTING

CHINA	WMO#	DATE	TYPE	Page
Dunhuang	524180	8903	(OCDS)	1
Koria	516560	8903	(OCDS)	5
Mangnai	518860	8903	(OCDS)	9
Ruoqiang	517770	8903	(OCDS)	13
Tikanlik	517650	8903	(OCDS)	17
Turpan	515730	8903	(OCDS)	21
THE FORMER USSR				
AZERBAIJAN				
Astara	379890	8612	(OCDS)	25
Bina Staraya	378640	9201	(OCDS)	29
Dzhul'fa	379470	8612	(OCDS)	33
ARMENIA				
Yerevan	377890	9201	(OCDS)	37
BELARUS				
Minsk	268500	9202	(OCDS)	41
ESTONIA				
Tallin	260380	9201	(OCDS)	45
GEORGIA				
Tbilisi	375490	9202	(OCDS)	49
KAZAKHSTAN				
Alma-Ata	368700	9201	(OCDS)	53
Balkhash	357960	8901	(OCDS)	57
Barshatas	364980	8903	(OCDS)	61
Guryev	357000	8904	(OCDS)	65
Karaganda	353940	9202	(OCDS)	69
Karkaralinsk	363350	8811	(OCDS)	73
Kaynar	365580	8811	(OCDS)	77
Kazalinsk	358490	8606	(OCDS)	81
Pavlodar	360030	8810	(OCDS)	85
Semipalatinsk	361770	8807	(OCDS)	89
Semiyarka	361520	8810	(OCDS)	93
Shemonayikha	361860	8811	(OCDS)	97
Zhorga	364870	8812	(OCDS)	101
KYGYZSTAN				
Frunze	383530	9201	(OCDS)	105

LATVIA

Lintupe-in-Viteb	266450	8901	(OCDS)	109
Riga/Spilve	264220	8901	(OCDS)	113

LITHUANIA

Kaunas	266290	8512	(OCDS)	117
Vilnius	267300	9201	(OCDS)	121

MOLDOVA

Kishinev	338150	9201	(OCDS)	125
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RUSSIA

Achinsk-in-Krasnoy	2946707	8904	(OCDS)	129
Anadyr	255630	8807	(OCDS)	133
Anzhero-Sudhensk	295400	8904	(OCDS)	137
Archangelsk	225500	9202	(OCDS)	141
Artem	319740	8801	(OCDS)	145
Arzamas	276530	8904	(OCDS)	149
Astrakhan	348800	8904	(OCDS)	153
Balagansk-in-Irkut	306120	8805	(OCDS)	157
Barabinsk	296120	8904	(OCDS)	161
Bayan-Aul	361260	8811	(OCDS)	165
Belogorsk	315130	8810	(OCDS)	169
Bikin-in-Khabarov	318320	8904	(OCDS)	173
Blagovescensk	315100	9002	(OCDS)	177
Bokhan-in-Irkut	306180	8806	(OCDS)	181
Bologoye	262980	8904	(OCDS)	185
Boyanday-in-Irkut	306270	8806	(OCDS)	189
Bratsk-in-Irkut	303090	8904	(OCDS)	193
Cape Bolvansky	209460	8903	(OCDS)	197
Cape Krilyon	321490	8801	(OCDS)	201
Cape Menshikova	209430	8812	(OCDS)	205
Chelyabinsk	286420	8904	(OCDS)	209
Chita/Kadala	307580	9202	(OCDS)	213
Glazov-in-Udmurt	282140	8904	(OCDS)	217
Gorkiy	275530	9202	(OCDS)	221
Inga-in-Irkut	307030	8805	(OCDS)	225
Irkutsk-in-Irkut	307100	8806	(OCDS)	229
Kaliningrad	267020	9202	(OCDS)	233
Kalmikovo	354060	8904	(OCDS)	237
Kaluga	277030	9202	(OCDS)	241
Kapustin Yar	345710	8605	(OCDS)	245
Kara-Aul	365010	8812	(OCDS)	249
Karachayesk	371160	8901	(OCDS)	253
Kazan	275950	8904	(OCDS)	257
Kemerovo	296420	9201	(OCDS)	261
Khabarovsk/Novy	317350	8904	(OCDS)	265

RUSSIA, Cont'd

Khamar-Daban	308150	8805	(OCDS)	269
Kheysa Island (Franz Josef Land)	200460	8807	(OCDS)	273
Komsomolsk-on-Amur	315610	8904	(OCDS)	277
Krasnoyarsk	295740	8904	(OCDS)	281
Kurgan-in-Kurgan	286610	8904	(OCDS)	285
Kurilsk	321740	8801	(OCDS)	289
Kuybyshev/Kuromoch	289000	8904	(OCDS)	293
Leningrad	260635	8904	(OCDS)	297
Leningrad/Town	260630	7606	(CB)	301
Kirov	271960	8904	(OCDS)	302
Magadan	259130	9202	(OCDS)	306
Maliye Karmakuli (Novaya Zemlya)	207440	8812	(OCDS)	310
Mogocha-in-Chita	306730	8904	(OCDS)	314
Moscow	276120	8904	(OCDS)	318
Nakhodka-in-Primor	319700	8801	(OCDS)	322
Nizhniy Tagil	282400	9201	(OCDS)	326
Novokuznetsk	298460	9202	(OCDS)	330
Novosibirsk/Tolmach	296340	9202	(OCDS)	334
Omsk-in-Om	286980	8904	(OCDS)	338
Orenburg	351210	8904	(OCDS)	342
Penza	279620	8904	(OCDS)	346
Perm-in-Perm	282250	8904	(OCDS)	350
Petropavlovsk-Kamchatskiy	325400	8801	(OCDS)	354
Petrozavodsk	228200	9202	(OCDS)	358
Poronaysk	320980	8801	(OCDS)	362
Rostov-on-Don	347310	8904	(OCDS)	366
Rubtsovsk	360340	8811	(OCDS)	370
Rudnaya Pristan	319590	8801	(OCDS)	374
Russkaya Gavan (Novaya Zemlya)	203570	8812	(OCDS)	378
Saransk	277600	8904	(OCDS)	382
Sarapul-in-Udmurt	284181	8904	(OCDS)	386
Simushir (Kuril Islands)	321950	8801	(OCDS)	390
Skovorodino	306920	8904	(OCDS)	394
Slyudyanka	308120	8904	(OCDS)	398
Sovetskaya Gavan'	317700	8801	(OCDS)	402
Sukhaya-in-Buryat	307260	8806	(OCDS)	406
Sverdlovsk	284400	9201	(OCDS)	410
Svobodniy	314450	8807	(OCDS)	414
Syktvkar	238040	9202	(OCDS)	418
Tayshet-in-Irkut	295940	8904	(OCDS)	422
Tomsk	294300	9201	(OCDS)	426
Tulun-in-Irkut	305040	8904	(OCDS)	430
Tyumen-in-Tyumen	283670	8904	(OCDS)	434
Ufa-in-Bashkur	287220	8904	(OCDS)	438
Ulan-Ude	308230	8806	(OCDS)	442
Urup-on-Kuriles	321860	8801	(OCDS)	446

RUSSIA, Cont'd

Usol'ye-Sibirskoye	307120	8806	(OCDS)	450
Ust-Kut	303200	8904	(OCDS)	454
Ust-Oorda-in-Irkutsk	307130	8807	(OCDS)	458
Vladimir	275320	8903	(OCDS)	462
Vladivostok	319600	8801	(OCDS)	466
Vologda	270370	8904	(OCDS)	470
Volgograd	345600	8904	(OCDS)	474
Vorkuta	232260	9201	(OCDS)	478
Yakutsk	249590	9202	(OCDS)	482
Yemtsa-in-Arkhangel	226570	8606	(OCDS)	486
Yuzhno-Kurilsk	321650	8801	(OCDS)	490
Yuzhnoye (LH)	321580	8801	(OCDS)	494

UKRAINE

Cape Zolotoy	318290	8801	(OCDS)	498
Donetsk	345190	9201	(OCDS)	502
Feodosiya	339760	8903	(OCDS)	506
Kharkov	343000	9201	(OCDS)	510
Kiev/Zhulyani	333450	9201	(OCDS)	514
L'viv	333930	8901	(OCDS)	518
Odessa	338370	9202	(OCDS)	522
Rovno-in-Rovno	333010	8901	(OCDS)	526

TAJKISTAN

Dushanbe	388360	8901	(OCDS)	530
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TURKMENISTAN

Ashkabad	388800	9201	(OCDS)	534
Tashauz	383920	9201	(OCDS)	538

UZBEKISTAN

Nukus	382640	9201	(OCDS)	542
Samarkand	386960	9202	(OCDS)	546
Tashkent/Yuzhnyy	384570	9201	(OCDS)	550
Termez	389270	9201	(OCDS)	554

MONGOLIA

No listings

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DUNHUANG, CHINA
LOCATION: 4009N 9442E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 524180
ELEVATION (FEET): 3740
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	68	63	82	91	102	97	114	106	95	84	68	46	114
MEAN DAILY MAX	1	29	38	52	67	78	84	88	86	78	65	45	30	62
MEAN	1	17	26	39	54	65	72	76	73	63	49	33	19	49
MEAN DAILY MIN	1	5	12	25	39	50	58	62	59	46	33	21	9	35
EXTREME MIN	1	-17	-12	2	16	30	43	50	43	30	6	1	-9	-17
# DAYS GE 90	1	0	0	0	#	2	6	13	10	1	0	0	0	32
# DAYS LE 32	1	31	28	26	6	#	0	0	0	#	15	29	31	166
# DAYS LE 0	1	7	2	0	0	0	0	0	0	0	0	0	4	12
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	2	1	#	1	2	4	4	3	1	#	1	1	20
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.1	1	1	1	#	#	#	0	0	0	#	0	#	#	3
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (X) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (8 LST)	1	62	52	44	45	47	56	59	59	64	61	62	66	57
RH (14 LST)	1	38	28	20	18	19	27	27	28	25	23	33	40	27
VAPOR PRESS	1	.05	.05	.07	.12	.19	.31	.36	.33	.23	.13	.09	.06	.17
DEWPOINT	1	0	1	8	20	31	44	49	46	37	23	14	4	23
5. SURFACE WINDS 10 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLC DRCTN	1	\$WSW	\$WSW	\$ENE	\$ENE	\$ENE	\$NE	\$NE	\$ENE	\$ENE	\$WSW	\$WSW	\$WSW	\$WSW
MEAN SPEED														
(PVLC DRCTN)	1	8	8	11	10	11	6	7	8	8	7	7	8	8
MEAN SPEED														
(ALL OBS)	1	4	5	5	6	5	5	4	4	4	3	4	4	4
MAX PEAK GUST		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT		*	*	*	*	*	*	*	*	*	*	*	*	*
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	4	4	4	4	4	3	3	2	3	2	3
DAYS TSMS	1	1	0	0	0	3	11	16	4	2	0	0	1	36
DAYS FOG LT 7	1	1	14	0	2	0	3	2	5	4	3	1	1	36
DAYS BNBD LT 7	1	136	200	446	518	336	207	114	135	66	103	121	164	518
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73-DEC 86, 3 HOURLY
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	3	2	1	1	1	0	0	0	#	1
03-05 LST	1	#	2	1	2	1	1	#	#	1	#	1	1
06-08 LST	1	#	2	1	2	2	1	1	#	#	1	#	1
09-11 LST	1	1	5	4	3	2	1	1	1	#	1	2	2
12-14 LST	0	2	6	5	4	1	1	2	1	1	1	1	2
15-17 LST	1	2	6	5	4	2	2	1	#	2	1	1	2
18-20 LST	1	1	4	2	3	3	1	2	1	1	1	1	2
21-23 LST	1	1	2	2	3	3	1	1	#	#	#	1	1
ALL HOURS	1	1	4	3	3	2	1	1	#	1	1	1	1

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	3	2	1	1	1	0	0	0	#	1
03-05 LST	1	#	2	1	2	1	1	#	#	1	#	1	1
06-08 LST	1	#	2	1	2	1	1	#	#	0	1	#	1
09-11 LST	0	1	5	4	3	2	1	#	1	#	1	2	2
12-14 LST	0	2	6	4	4	1	1	1	1	1	1	1	2
15-17 LST	1	2	6	4	3	1	1	1	#	2	1	1	2
18-20 LST	1	1	4	2	3	3	1	1	1	1	1	1	2
21-23 LST	1	1	2	2	3	2	1	1	#	#	#	1	1
ALL HOURS	1	1	4	3	3	1	1	1	#	1	#	1	1

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	2	2	2	1	#	1	0	0	0	#	1
03-05 LST	#	#	2	1	2	1	1	#	#	1	#	#	1
06-08 LST	1	#	2	1	2	1	1	#	#	0	1	#	1
09-11 LST	#	1	5	3	2	1	1	0	#	#	1	2	1
12-14 LST	#	1	5	3	3	1	1	1	1	1	0	1	1
15-17 LST	1	2	5	4	3	1	1	1	0	1	1	1	2
18-20 LST	1	1	4	2	3	3	1	1	1	1	#	1	1
21-23 LST	#	#	2	2	2	1	1	1	0	0	#	1	1
ALL HOURS	1	1	3	2	2	1	1	1	#	1	#	1	1

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	1	1	1	#	0	0	0	0	#	#
03-05 LST	0	#	1	1	1	#	#	#	0	1	#	#	#
06-08 LST	#	#	1	#	2	0	#	0	#	0	#	#	#
09-11 LST	0	0	2	1	1	0	#	0	#	0	1	1	#
12-14 LST	0	1	2	1	1	0	#	#	#	0	0	#	1
15-17 LST	1	1	2	2	2	0	0	0	0	#	#	#	1
18-20 LST	#	#	2	1	2	1	#	0	#	#	0	#	1
21-23 LST	#	#	1	1	1	#	#	#	#	#	#	#	#
ALL HOURS	#	#	1	1	1	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DUNHUANG, CHINA
LOCATION: 4009N 9442E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 524180
ELEVATION (FEET): 3740
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	0	0	1	0	0	0	0	0	#
03-05 LST	0	0	0	0	#	#	0	0	0	0	0	0	#
06-08 LST	0	0	0	0	#	0	#	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	#	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	#	#	1	0	0	0	0	0	#
15-17 LST	0	0	0	0	#	0	1	0	0	0	0	0	#
18-20 LST	0	0	0	0	0	1	2	1	1	0	0	#	#
21-23 LST	#	0	0	0	#	1	1	#	0	0	0	0	#
ALL HOURS	#	0	0	#	#	#	1	#	#	0	0	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	1	#	2	2	2	1	#	0	#	1
03-05 LST	0	0	#	2	1	4	5	2	#	#	0	0	1
06-08 LST	0	#	0	2	3	8	6	4	#	#	0	0	2
09-11 LST	0	0	0	1	2	3	4	3	1	0	#	#	1
12-14 LST	0	0	0	2	1	3	3	5	2	#	0	0	1
15-17 LST	0	#	0	1	2	4	3	4	2	1	0	0	1
18-20 LST	0	0	#	1	1	5	4	3	2	#	0	0	1
21-23 LST	#	0	#	1	1	5	4	2	1	#	0	0	1
ALL HOURS	#	#	#	1	1	4	4	3	1	#	#	#	1

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	#	0	0	#	0	0	0	1	1	#
03-05 LST	2	1	#	#	0	0	0	0	0	0	1	1	#
06-08 LST	3	2	#	#	1	0	0	0	0	#	1	2	1
09-11 LST	5	2	1	#	0	0	0	0	0	#	2	3	1
12-14 LST	3	1	#	1	#	0	0	0	0	0	1	3	1
15-17 LST	2	#	#	1	0	0	0	0	0	0	1	1	#
18-20 LST	#	1	0	#	0	0	0	0	0	0	1	1	#
21-23 LST	1	1	0	#	0	0	0	0	0	0	1	1	#
ALL HOURS	2	1	#	#	#	0	#	0	0	#	1	2	1

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	1	#	1	#	#	0	0	#	#	#	#
03-05 LST	0	0	1	#	0	0	0	0	0	0	#	#	#
06-08 LST	#	0	#	#	1	0	#	0	0	0	0	#	#
09-11 LST	0	0	1	1	2	0	#	0	0	0	0	#	#
12-14 LST	0	#	1	1	2	0	0	0	0	#	0	#	0
15-17 LST	0	0	2	1	2	0	0	1	#	0	0	1	1
18-20 LST	0	0	0	0	2	#	#	#	#	#	0	#	#
21-23 LST	#	#	#	0	1	0	#	#	0	0	#	#	#
ALL HOURS	#	#	1	#	1	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, M1 = STATUTE MILES
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAPETAC DATSAV FOR JAN 73-DEC 86, 3 HOURLY
 2.
 3.

5. X FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	2	2	2	1	#	1	0	0	0	#	1
03-05 LST	#	#	2	1	2	1	1	#	#	1	#	#	1
06-08 LST	1	#	2	1	2	1	1	#	#	0	1	#	1
09-11 LST	#	1	5	3	2	1	1	0	#	#	1	2	1
12-14 LST	#	1	5	3	3	1	1	1	1	1	0	1	1
15-17 LST	1	2	5	4	3	1	1	1	0	1	1	1	2
18-20 LST	1	1	4	2	3	3	1	1	1	1	#	1	1
21-23 LST	#	#	2	2	2	1	1	1	0	0	#	1	1
ALL HOURS	1	1	3	2	2	1	1	1	#	1	#	1	1

6. X FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	2	2	1	#	1	0	0	0	#	1
03-05 LST	#	#	2	1	2	#	1	#	#	1	#	#	1
06-08 LST	1	#	2	1	2	#	#	#	#	0	1	#	1
09-11 LST	#	1	4	3	2	1	#	0	#	#	1	2	1
12-14 LST	0	1	5	2	2	#	#	1	#	#	0	1	1
15-17 LST	1	1	4	3	2	0	#	1	0	0	1	1	1
18-20 LST	1	1	3	2	2	2	#	1	1	1	0	1	1
21-23 LST	#	#	2	1	2	1	1	#	0	0	#	1	1
ALL HOURS	#	1	3	2	2	1	#	1	#	#	#	1	1

7. X FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	2	2	1	#	#	0	0	0	#	1
03-05 LST	#	#	1	1	1	#	#	#	#	1	#	#	#
06-08 LST	#	#	1	#	2	0	#	0	#	0	1	#	#
09-11 LST	0	1	3	3	2	#	#	0	#	0	1	1	1
12-14 LST	0	1	4	2	2	0	#	1	#	#	0	1	1
15-17 LST	1	1	3	2	2	0	#	0	0	#	1	1	1
18-20 LST	#	1	3	1	2	2	#	1	#	#	0	#	1
21-23 LST	#	#	2	1	2	1	1	#	0	0	#	1	1
ALL HOURS	#	1	2	1	2	1	#	#	#	#	#	1	1

8. X FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	1	#	#	#	0	0	0	0	#	#
03-05 LST	0	#	0	#	#	0	#	#	0	#	0	#	#
06-08 LST	#	0	0	#	1	0	#	#	0	0	0	0	#
09-11 LST	0	0	1	1	1	0	#	0	0	0	#	#	#
12-14 LST	0	#	1	#	1	0	#	#	#	0	0	0	#
15-17 LST	#	0	1	#	1	0	#	#	0	0	#	#	#
18-20 LST	0	#	1	#	1	1	#	0	0	#	0	0	#
21-23 LST	0	0	#	#	#	0	#	0	0	0	#	#	#
ALL HOURS	#	#	1	#	1	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KORJA, CHINA
LOCATION: 4145N 8609E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 516560
ELEVATION (FEET): 3061
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	44	60	73	89	95	104	117	103	92	90	68	45 117
MEAN DAILY MAX	1	27	38	54	70	79	85	88	87	79	65	46	29 62
MEAN	1	18	29	45	60	70	76	80	78	68	54	36	21 53
MEAN DAILY MIN	1	11	20	35	49	60	66	69	68	58	43	28	14 43
EXTREME MIN	1	-8	-3	14	27	35	50	43	49	40	25	12	-9 -9
# DAYS GE 90	1	0	0	0	0	2	6	13	12	#	0	0	0 33
# DAYS LE 32	1	31	27	12	1	0	0	0	#	0	2	23	31 127
# DAYS LE 0	1	2	#	0	#	0	0	0	0	0	#	2	4
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	4	1	1	2	3	5	5	5	2	1	1	3 3
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.1	1	4	1	#	0	0	0	0	0	0	0	1	3 9
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (X) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (8 LST)	1	69	56	41	38	40	46	46	45	49	55	65	72 52
RH (11 LST)	1	68	50	32	30	32	38	38	37	39	42	57	70 45
VAPOR PRESS	1	.06	.07	.09	.15	.23	.33	.37	.36	.27	.18	.12	.07 .19
DEWPOINT	1	6	9	14	25	36	46	49	48	41	31	20	9 28
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$ENE	\$ENE	\$ENE	\$NE	\$NE	\$NE	\$NE	\$NE	\$ENE	\$ENE	\$ENE	\$ENE
MEAN SPEED													
(PVLG DRCTN)	1	7	7	8	12	11	10	10	10	7	7	7	6 9
MEAN SPEED													
(ALL OBS)	1	4	5	6	6	6	6	6	5	4	3	3	5
MAX PEAK GUST		*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT		*	*	*	*	*	*	*	*	*	*	*	*
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	3	3	3	4	4	4	4	3	3	2	2	3 3
DAYS TSMS	1	0	0	#	1	2	6	6	4	2	#	#	# 22
DAYS FOG LT 7	1	1	#	#	0	#	#	0	#	0	#	#	1 3
DAYS BNBD LT 7	1	#	2	2	3	1	#	#	#	#	#	#	# 9
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ - % CALM GT PVLGN DRCTN
 c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73-DEC 86, 3 HOURLY
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	1	5	#	#	#	1	0	#	#	3	1
03-05 LST	4	1	1	6	1	1	0	0	1	#	#	2	1
06-08 LST	5	1	1	6	1	#	1	0	0	0	1	3	2
09-11 LST	15	5	3	7	1	#	1	#	#	1	4	11	4
12-14 LST	6	1	1	7	1	1	#	0	#	1	1	2	2
15-17 LST	3	1	2	7	1	1	1	0	1	1	2	2	2
18-20 LST	6	2	2	6	2	1	1	1	#	1	1	6	2
21-23 LST	5	1	2	5	2	1	0	1	0	#	2	5	2
ALL HOURS	6	2	2	6	1	1	1	#	#	1	1	4	2

8. % FREQ OF CIG VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	5	#	#	#	1	0	#	#	2	1
03-05 LST	1	1	1	6	1	1	0	0	1	#	#	2	1
06-08 LST	3	1	1	6	1	#	1	0	0	0	1	1	1
09-11 LST	13	5	3	7	1	#	1	#	#	1	4	10	4
12-14 LST	3	1	1	6	1	1	#	0	#	#	1	2	1
15-17 LST	1	1	2	7	1	1	1	1	0	1	2	2	2
18-20 LST	4	2	2	6	2	1	1	#	#	1	1	5	2
21-23 LST	2	1	2	5	2	1	0	#	0	#	2	4	2
ALL HOURS	4	2	2	6	1	1	#	#	#	1	1	3	2

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	5	#	0	#	1	0	#	#	1	1
03-05 LST	#	1	1	5	1	1	0	0	1	#	#	1	1
06-08 LST	1	1	0	5	1	#	1	0	0	0	0	1	1
09-11 LST	11	3	2	5	1	#	1	#	#	1	3	8	3
12-14 LST	1	1	1	6	1	1	#	0	0	#	1	1	1
15-17 LST	#	1	2	6	1	1	0	1	0	#	1	1	1
18-20 LST	2	1	2	5	2	1	1	0	#	1	1	4	2
21-23 LST	1	1	2	5	2	#	0	#	0	#	2	4	1
ALL HOURS	2	1	1	5	1	1	#	#	#	#	1	3	1

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	#	1	0	0	0	0	0	0	0	#	#
03-05 LST	0	0	#	1	#	#	0	0	#	#	#	1	#
06-08 LST	#	0	#	1	#	0	#	0	0	0	0	#	#
09-11 LST	3	0	1	2	0	0	0	0	#	#	#	3	1
12-14 LST	#	#	0	2	0	1	0	#	0	0	0	#	#
15-17 LST	#	#	1	1	#	0	#	0	0	#	#	#	#
18-20 LST	#	0	1	1	#	1	#	0	0	0	1	1	#
21-23 LST	0	0	1	1	#	0	0	0	0	0	0	#	#
ALL HOURS	1	#	#	1	#	#	#	#	#	#	#	1	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KORIA, CHINA
LOCATION: 4145N 8609E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 516560
ELEVATION (FEET): 3061
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	0	2	1	2	2	0	0	0	1
03-05 LST	0	0	0	0	0	2	1	1	#	0	0	0	#
06-08 LST	0	0	#	0	#	0	1	1	1	0	0	0	#
09-11 LST	0	0	0	0	0	#	1	#	#	0	0	0	#
12-14 LST	0	0	0	#	#	1	1	#	#	0	0	0	#
15-17 LST	0	0	#	#	2	3	2	2	#	0	0	#	1
18-20 LST	0	0	0	0	1	2	2	1	0	#	0	0	#
21-23 LST	0	0	0	0	0	2	2	1	#	0	0	0	#
ALL HOURS	0	0	#	#	#	1	1	1	#	#	0	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	2	3	4	4	4	3	1	0	0	2
03-05 LST	0	0	#	2	3	3	3	5	1	1	#	0	2
06-08 LST	#	0	#	2	3	7	5	5	3	0	0	0	2
09-11 LST	#	0	1	1	4	5	5	4	2	1	#	0	2
12-14 LST	0	1	0	2	2	4	5	5	2	2	0	0	2
15-17 LST	0	1	1	1	3	3	3	3	2	1	0	#	2
18-20 LST	#	1	#	1	2	4	4	3	2	1	#	0	1
21-23 LST	#	0	#	1	1	3	3	4	1	0	1	0	1
ALL HOURS	#	#	#	2	3	4	4	4	2	1	#	#	2

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	2	#	0	0	0	0	0	0	0	1	4	1
03-05 LST	7	1	#	#	0	0	#	0	0	0	1	5	1
06-08 LST	8	2	2	#	0	0	0	0	0	0	1	7	2
09-11 LST	12	2	1	0	0	0	0	0	0	0	2	10	2
12-14 LST	12	3	#	0	0	0	0	0	0	0	1	9	2
15-17 LST	7	1	1	0	0	0	0	0	0	0	1	7	1
18-20 LST	7	1	0	0	0	0	#	0	0	#	1	4	1
21-23 LST	7	1	#	0	0	0	0	0	0	0	1	3	1
ALL HOURS	8	2	1	#	0	0	#	0	0	#	1	6	2

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	2	1	1	#	#	0	#	0	#	#
03-05 LST	0	1	#	2	1	1	#	1	1	0	0	#	1
06-08 LST	0	1	1	1	1	0	#	1	0	#	#	#	#
09-11 LST	#	0	1	1	#	#	1	1	#	#	0	0	#
12-14 LST	0	#	1	0	1	1	#	1	0	#	0	#	#
15-17 LST	0	0	0	1	1	0	1	#	0	#	#	#	#
18-20 LST	#	0	1	#	1	1	0	#	#	#	0	0	#
21-23 LST	#	#	1	1	#	#	#	#	0	#	#	0	#
ALL HOURS	#	#	1	1	1	#	#	1	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73-DEC 86, 3 HOURLY
2.
3.

5. FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	5	#	0	#	1	0	#	#	1	1
03-05 LST	#	1	1	5	1	1	0	0	1	#	#	1	1
06-08 LST	1	1	0	5	1	#	1	0	0	0	0	1	1
09-11 LST	11	3	2	5	1	#	1	#	#	1	3	8	3
12-14 LST	1	1	1	6	1	1	#	0	0	#	1	1	1
15-17 LST	#	1	2	6	1	1	0	1	0	#	1	1	1
18-20 LST	2	1	2	5	2	1	1	0	#	1	1	4	2
21-23 LST	1	1	2	5	2	#	0	#	0	#	2	4	1
ALL HOURS	2	1	1	5	1	1	#	#	#	#	1	3	1

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	3	0	0	#	1	0	#	#	1	1
03-05 LST	#	1	0	4	1	1	0	0	1	#	#	1	1
06-08 LST	1	#	0	3	1	0	1	0	0	0	0	1	1
09-11 LST	9	1	1	4	#	#	1	0	#	1	2	8	2
12-14 LST	1	1	1	4	0	1	#	#	0	#	1	1	1
15-17 LST	#	1	1	4	1	#	#	1	0	#	1	1	1
18-20 LST	2	#	1	3	1	1	#	0	0	#	1	3	1
21-23 LST	#	#	1	4	1	#	0	#	0	#	#	2	1
ALL HOURS	2	1	1	4	#	#	#	#	#	#	1	2	1

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	1	3	0	0	#	0	0	0	0	#	#
03-05 LST	#	#	#	3	#	1	0	0	#	#	#	1	1
06-08 LST	#	0	#	3	#	0	1	0	0	0	0	#	#
09-11 LST	3	#	1	3	0	#	0	0	#	#	2	4	1
12-14 LST	1	1	0	3	0	1	0	#	0	0	0	1	#
15-17 LST	#	#	1	2	#	0	#	0	0	#	#	#	#
18-20 LST	1	0	1	2	1	1	#	0	0	0	1	2	1
21-23 LST	#	0	1	3	1	0	0	0	0	0	0	1	#
ALL HOURS	1	#	1	3	#	#	#	#	#	#	#	1	1

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	#	#	0	0	0	0	0	0	0	0	#
03-05 LST	0	0	#	1	0	#	0	0	#	#	#	#	#
06-08 LST	#	0	0	1	0	0	#	0	0	0	#	#	#
09-11 LST	2	0	#	1	0	0	0	0	#	0	0	1	#
12-14 LST	0	0	0	1	0	#	0	#	0	0	0	0	#
15-17 LST	0	#	#	1	#	0	#	0	0	0	0	0	#
18-20 LST	#	0	0	1	#	1	#	0	0	0	1	1	#
21-23 LST	0	0	0	#	0	0	0	0	0	0	0	#	#
ALL HOURS	#	#	#	1	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MANGNAI, CHINA
LOCATION: 3821N 9010E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 318860
ELEVATION (FEET): 3139
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 8

SOURCE NO. 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	37	46	57	68	73	79	85	86	75	63	50	43	86
MEAN DAILY MAX	21	27	38	49	57	62	67	67	58	47	33	22	46
MEAN	10	17	27	38	47	52	57	56	47	36	22	12	35
MEAN DAILY MIN	1	6	15	25	35	42	46	45	35	23	11	2	24
EXTREME MIN	-11	-11	-11	5	12	28	35	32	20	5	-3	-14	-14
# DAYS GE 90	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 32	31	28	31	26	10	1	0	#	9	30	30	31	20
# DAYS LE 0	16	5	#	#	0	0	0	0	0	0	1	10	33
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	2	2	2	2	3	7	7	4	2	1	1	1	34
# DAYS GE 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.1	1	1	2	1	1	#	#	#	#	#	1	1	8
# DAYS GE 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (23 LST)	36	30	28	25	26	35	34	30	28	24	33	38	31
RH (20 LST)	32	25	21	19	21	28	26	22	20	19	27	32	24
VAPOR PRESS	.03	.03	.04	.05	.08	.13	.15	.13	.09	.05	.04	.03	.07
DEWPOINT	-10	-9	-4	1	10	22	26	23	13	1	-4	-9	5
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLC DRCN	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
MEAN SPEED													
(PVLC DRCN)	12	14	15	15	13	13	13	13	12	12	12	11	13
MEAN SPEED													
(ALL OBS)	8	10	12	12	11	11	11	10	10	9	8	7	10
MAX PEAK GUST	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	*	*	*	*	*	*	*	*	*	*	*	*	*
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	3	4	4	4	5	5	4	4	4	3	3	3	4
DAYS TSTMS	1	0	0	0	3	10	6	3	0	1	0	0	24
DAYS FOG LT 7	2	1	0	1	3	2	3	0	1	1	1	2	17
DAYS BNBD LT 7	2	3	5	7	4	2	1	1	1	1	1	1	29
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73-DEC 86, 3 HOURLY
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	3	4	7	4	3	3	3	#	1	1	1	2
03-05 LST	1	2	5	7	4	3	3	2	1	1	1	#	2
06-08 LST	1	2	6	7	8	6	5	5	1	1	1	1	4
09-11 LST	1	2	7	8	8	5	4	4	1	1	1	1	4
12-14 LST	#	4	5	9	6	6	4	2	1	1	1	2	3
15-17 LST	2	4	6	11	8	8	3	4	2	1	1	1	4
18-20 LST	0	3	5	8	7	7	6	4	2	#	1	#	4
21-23 LST	1	2	4	9	4	3	3	2	1	#	1	1	2
ALL HOURS	1	3	5	8	6	5	4	3	1	1	1	1	3

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	3	4	7	4	2	2	2	0	1	1	1	2
03-05 LST	1	2	5	7	4	2	3	2	#	1	1	#	2
06-08 LST	1	2	6	7	7	3	3	3	1	1	1	1	3
09-11 LST	1	2	7	8	7	3	2	3	1	1	1	1	3
12-14 LST	#	4	5	9	5	3	2	1	#	1	1	2	3
15-17 LST	2	4	5	11	6	5	1	1	1	1	1	1	3
18-20 LST	0	3	5	8	6	4	3	2	1	#	1	#	3
21-23 LST	1	2	4	9	4	3	2	1	#	#	1	1	2
ALL HOURS	1	3	5	8	5	3	2	2	1	1	1	1	3

% FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	2	2	2	1	1	0	0	0	0	#	1
03-05 LST	#	1	2	2	2	1	2	1	0	#	#	0	1
06-08 LST	1	1	2	3	4	2	1	2	1	#	#	1	1
09-11 LST	#	1	2	3	4	1	1	1	1	1	#	0	1
12-14 LST	#	2	2	4	3	1	1	#	#	#	#	2	1
15-17 LST	1	1	2	3	3	2	#	1	1	0	1	#	1
18-20 LST	0	1	1	5	4	2	2	1	1	#	1	#	2
21-23 LST	0	1	2	3	2	2	1	1	0	.	1	1	1
ALL HOURS	#	1	2	3	3	2	1	1	#	#	#	1	1

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	#	#	0	0	0	0	#	0	#	#
03-05 LST	#	0	1	#	#	#	1	1	0	#	0	0	#
06-08 LST	#	#	1	0	1	#	0	#	#	0	#	#	#
09-11 LST	0	0	#	1	#	#	0	#	#	1	0	#	#
12-14 LST	0	#	1	1	#	#	1	0	0	0	#	#	#
15-17 LST	#	#	#	2	1	1	#	#	#	0	0	#	1
18-20 LST	0	0	0	1	1	1	#	#	1	#	#	#	#
21-23 LST	0	0	#	0	1	#	0	0	0	0	0	1	#
ALL HOURS	#	#	#	1	1	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MANGNAI, CHINA
LOCATION: 3821N 9010E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 518860
ELEVATION (FEET): 3139
PERIOD: 7301-8612

ICAO: N/A
LST - GMT + 8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	1	0	0	0	0	0	0
12-14 LST	0	0	0	0	1	1	1	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	1	1	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	1	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	2	6	5	4	3	0	0	0	2
03-05 LST	0	0	0	1	2	7	4	5	1	0	0	0	2
06-08 LST	0	0	0	1	2	7	8	6	2	0	0	0	2
09-11 LST	0	0	0	1	3	7	8	5	2	1	0	0	2
12-14 LST	0	0	0	1	5	9	6	5	3	1	0	0	2
15-17 LST	0	0	0	2	4	13	8	6	2	0	0	0	3
18-20 LST	0	0	0	0	4	11	7	5	2	0	0	0	3
21-23 LST	0	0	0	1	1	6	4	6	2	0	0	0	2
ALL HOURS	0	0	0	1	3	8	6	5	2	0	0	0	2

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	3	1	0	0	0	1	0	0	2	1
03-05 LST	2	3	3	3	2	1	0	0	1	1	1	1	2
06-08 LST	3	3	2	3	2	1	0	0	1	0	1	2	2
09-11 LST	2	3	3	2	3	1	0	0	1	1	1	3	1
12-14 LST	2	2	3	3	2	0	0	0	1	2	1	2	1
15-17 LST	2	3	1	3	2	1	0	0	0	0	1	3	1
18-20 LST	2	1	1	1	3	1	0	0	0	0	1	1	1
21-23 LST	1	3	1	2	1	0	0	0	1	0	0	1	1
ALL HOURS	2	2	2	2	2	1	0	0	1	1	1	2	1

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	4	3	1	0	0	1	1	0	0	1	1
03-05 LST	0	1	3	1	0	1	1	1	1	1	1	1	1
06-08 LST	1	3	2	1	2	1	1	1	1	0	1	0	1
09-11 LST	1	1	2	2	2	1	0	0	0	1	1	0	1
12-14 LST	2	4	7	9	5	3	2	2	1	2	2	1	3
15-17 LST	4	9	18	19	10	8	4	5	3	7	5	4	8
18-20 LST	3	4	11	16	9	7	4	4	3	3	2	2	6
21-23 LST	2	3	3	3	2	2	1	2	1	0	1	1	2
ALL HOURS	2	4	6	7	4	3	2	2	1	2	2	1	3

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73-DEC 86, 3 HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	2	2	2	1	1	0	0	0	0	#	1
03-05 LST	#	1	2	2	2	1	2	1	0	#	#	0	1
06-08 LST	1	1	2	3	4	2	1	2	1	#	#	1	1
09-11 LST	#	1	2	3	4	1	1	1	1	1	#	0	1
12-14 LST	#	2	2	4	3	1	1	#	#	#	#	2	1
15-17 LST	1	1	2	3	3	2	#	1	1	0	1	#	1
18-20 LST	0	1	1	5	4	2	2	1	1	#	1	#	2
21-23 LST	0	1	2	3	2	2	1	1	0	0	1	1	1
ALL HOURS	#	1	2	3	3	2	1	1	#	#	#	1	1

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	2	2	1	1	1	0	0	#	0	#	1
03-05 LST	#	1	2	1	1	1	2	1	0	#	#	0	1
06-08 LST	#	1	2	3	3	1	1	1	1	#	#	1	1
09-11 LST	#	1	2	2	3	1	1	1	1	1	#	0	1
12-14 LST	#	2	2	3	2	1	1	#	0	#	#	1	1
15-17 LST	1	1	2	3	2	2	#	1	#	0	1	#	1
18-20 LST	0	1	1	4	3	2	1	1	1	#	1	#	1
21-23 LST	0	1	2	2	1	2	1	#	0	0	#	1	1
ALL HOURS	#	1	2	3	2	1	1	1	#	#	#	1	1

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	1	1	1	1	0	0	#	0	#	#
03-05 LST	#	#	1	1	1	#	1	1	0	#	#	0	#
06-08 LST	#	#	2	1	2	1	#	1	1	0	#	1	1
09-11 LST	#	0	1	1	2	#	#	1	#	1	0	0	1
12-14 LST	0	1	1	3	1	1	1	#	0	#	#	1	1
15-17 LST	#	#	#	2	1	1	#	#	#	0	1	#	1
18-20 LST	0	1	#	2	2	1	1	1	1	#	#	#	1
21-23 LST	0	#	1	1	1	1	#	#	0	0	0	1	#
ALL HOURS	#	#	1	2	1	1	1	1	#	#	#	#	1

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	0	0	0	0	0	#	0	#	#
03-05 LST	#	0	#	0	#	#	1	1	0	0	0	0	#
06-08 LST	#	#	#	0	0	0	0	#	0	0	#	#	#
09-11 LST	0	0	0	1	#	0	0	0	#	#	0	#	#
12-14 LST	0	#	1	1	#	0	#	0	0	0	0	#	#
15-17 LST	#	0	0	1	#	#	#	#	#	0	0	#	#
18-20 LST	0	0	0	1	0	#	#	#	#	0	#	#	#
21-23 LST	0	0	#	0	0	0	0	0	0	0	0	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: RUOQIANG, CHINA
LOCATION: 3902N 8811E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 517770
ELEVATION (FEET): 2917
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	50	61	86	96	100	104	108	109	102	90	76	52	109
MEAN DAILY MAX	1	29	40	57	73	83	89	93	92	83	68	48	31	66
MEAN	1	18	28	44	60	70	77	81	79	68	53	35	21	53
MEAN DAILY MIN	1	8	17	30	44	54	62	66	63	52	38	25	12	39
EXTREME MIN	1	-7	0	7	21	34	32	32	42	32	25	5	-10	-10
# DAYS GE 90	1	0	0	0	1	8	17	25	22	5	#	0	0	78
# DAYS LE 32	1	31	28	19	2	0	#	#	0	#	6	27	31	144
# DAYS LE 0	1	2	#	0	0	0	0	0	0	0	0	0	3	6
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (8 LST)	1	66	53	42	38	41	49	48	46	48	52	59	66	51
RH (17 LST)	1	40	27	17	15	18	22	21	20	20	21	30	39	24
VAPOR PRESS	1	.05	.06	.08	.13	.20	.31	.34	.31	.23	.15	.10	.06	.17
DEWPOINT	1	4	6	12	22	33	44	47	44	37	26	16	6	25
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLC DRCTN	1	\$SW	\$NE	\$ENE	\$ENE	\$ENE	\$NE	\$ENE	\$NE	\$NE	\$NE	\$WSW	\$SW	\$NE
MEAN SPEED														
(PVLC DRCTN)	1	6	7	13	14	14	8	11	8	8	7	6	6	9
MEAN SPEED														
(ALL OBS)	1	4	5	6	7	7	6	6	6	5	4	4	3	5
MAX PEAK GUST	1	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT		*	*	*	*	*	*	*	*	*	*	*	*	*
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	5	5	5	5	4	3	3	2	3	4	4
DAYS TSMS	1	#	0	0	#	#	1	2	1	#	0	0	#	5
DAYS FOG LT 7	1	2	1	#	#	#	#	#	#	#	#	#	1	4
DAYS BNBD LT 7	1	#	#	2	#	5	3	2	2	2	1	#	#	18
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN														

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ - % CALM GT PVLGN DRCTN
 c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73 - DEC 86, 3 HOURLY
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	7	14	15	11	10	5	2	2	1	1	4	6
03-05 LST	1	6	12	13	9	6	5	3	3	1	2	4	5
06-08 LST	1	5	8	14	10	9	4	3	3	1	1	3	5
09-11 LST	3	7	13	15	10	10	5	5	5	2	2	4	7
12-14 LST	3	9	15	18	13	10	5	5	3	2	2	5	8
15-17 LST	2	12	20	20	12	8	3	3	2	2	2	5	8
18-20 LST	3	11	18	20	14	9	6	5	2	2	3	5	8
21-23 LST	1	7	13	16	14	10	6	3	3	1	2	4	7
ALL HOURS	2	8	14	16	12	9	5	4	3	2	2	4	7

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	7	14	15	11	10	5	2	2	1	1	4	6
03-05 LST	1	6	12	13	9	6	5	3	3	1	2	4	5
06-08 LST	1	5	8	14	10	9	4	3	3	1	1	3	5
09-11 LST	3	7	13	15	10	10	5	5	5	2	2	4	7
12-14 LST	3	9	15	18	13	10	5	5	3	2	2	5	7
15-17 LST	2	12	20	20	12	8	3	3	2	2	2	5	7
18-20 LST	3	11	18	20	14	9	6	5	2	2	3	5	8
21-23 LST	1	7	13	16	14	10	6	3	3	1	2	4	7
ALL HOURS	2	8	14	16	12	9	5	4	3	2	2	4	7

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	6	12	15	10	9	5	2	2	1	1	3	6
03-05 LST	1	5	11	12	8	6	3	3	2	1	1	3	5
06-08 LST	1	5	8	13	9	7	3	3	1	1	#	2	4
09-11 LST	2	6	11	14	8	8	4	3	4	1	1	3	5
12-14 LST	1	8	12	16	11	8	3	5	2	1	2	5	6
15-17 LST	1	10	17	17	11	8	2	3	1	2	2	4	7
18-20 LST	2	10	16	18	12	8	5	4	2	2	3	4	7
21-23 LST	1	7	12	15	11	8	5	3	2	1	1	2	6
ALL HOURS	1	7	12	15	10	8	4	3	2	1	1	3	6

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	2	2	4	3	2	1	0	1	0	0	2	1
03-05 LST	0	3	2	2	1	1	#	0	1	0	0	1	1
06-08 LST	#	2	3	4	1	1	1	#	1	0	0	1	1
09-11 LST	1	2	4	3	1	1	1	1	1	#	0	1	1
12-14 LST	#	4	4	4	2	1	0	1	1	#	#	2	2
15-17 LST	1	3	5	5	2	2	#	1	0	0	0	1	2
18-20 LST	1	3	3	4	2	2	1	1	0	#	1	1	2
21-23 LST	0	3	4	3	4	2	1	#	1	#	0	1	1
ALL HOURS	#	3	3	4	2	1	0	#	1	#	#	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: RUOQIANG, CHINA
LOCATION: 3902N 8811E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 517770
ELEVATION (FEET): 2917
PERIOD: 7301-8612

ICAO: N/A
LST - GMT + 8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	1	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	1	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	1	1	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	1	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	1	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	1	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	1	0	0	0	0	0	0

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	1	4	4	1	0	0	1	0	1
03-05 LST	0	0	0	1	2	4	2	3	1	1	1	0	1
06-08 LST	0	0	0	1	2	5	2	3	1	1	0	0	1
09-11 LST	0	0	1	1	3	4	5	3	1	0	1	0	2
12-14 LST	0	0	0	1	1	3	4	1	0	0	0	1	1
15-17 LST	0	0	1	0	2	2	2	1	1	0	0	0	1
18-20 LST	0	1	0	1	1	3	2	1	1	0	1	0	1
21-23 LST	0	0	0	1	2	2	3	1	1	0	1	0	1
ALL HOURS	0	0	0	1	1	3	3	2	1	0	1	0	1

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	0	0	0	0	0	0	0	1	1	1
03-05 LST	3	1	0	0	0	0	0	0	0	0	0	2	1
06-08 LST	4	1	0	0	0	0	0	0	0	0	1	3	1
09-11 LST	6	2	0	0	0	0	0	0	0	0	1	4	1
12-14 LST	5	1	0	0	0	0	0	0	0	0	0	3	1
15-17 LST	4	2	1	0	0	0	0	0	0	0	0	2	1
18-20 LST	3	1	1	0	0	0	0	0	0	0	0	1	1
21-23 LST	2	0	0	0	0	0	0	0	0	0	0	1	0
ALL HOURS	4	1	0	0	0	0	0	0	0	0	0	2	1

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	4	3	1	1	1	2	0	0	0	1
03-05 LST	0	1	1	4	3	1	1	1	1	1	0	1	1
06-08 LST	0	0	1	3	1	1	0	0	1	0	0	0	1
09-11 LST	0	1	2	4	3	2	1	2	2	1	1	0	1
12-14 LST	0	1	2	4	4	2	2	1	1	2	0	0	2
15-17 LST	0	1	2	3	4	1	0	2	1	1	1	0	1
18-20 LST	0	1	2	4	3	1	1	2	1	1	0	1	1
21-23 LST	0	1	1	3	3	1	1	0	1	0	0	0	1
ALL HOURS	0	1	1	4	3	1	1	1	1	1	0	0	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73 - DEC 86, 3 HOURLY
2.
3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	6	12	15	10	9	5	2	2	1	1	3	6
03-05 LST	1	5	11	12	8	6	3	3	2	1	1	3	5
06-08 LST	1	5	8	13	9	7	3	3	1	1	#	2	4
09-11 LST	2	6	11	14	8	8	4	3	4	1	1	3	5
12-14 LST	1	8	12	16	11	8	3	5	2	1	2	5	6
15-17 LST	1	10	17	17	11	8	2	3	1	2	2	4	7
18-20 LST	2	10	16	18	12	8	5	4	2	2	3	4	7
21-23 LST	1	7	12	15	11	8	5	3	2	1	1	2	6
ALL HOURS	1	7	12	15	10	8	4	3	2	1	1	3	6

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	4	5	7	5	5	2	1	1	#	1	2	3
03-05 LST	#	4	5	5	3	2	1	#	2	#	#	1	2
06-08 LST	#	3	5	7	4	4	1	1	1	1	0	1	2
09-11 LST	1	3	6	8	3	4	2	1	2	1	1	2	3
12-14 LST	1	5	8	10	6	4	1	2	2	1	1	3	4
15-17 LST	1	6	9	9	4	4	1	1	1	1	1	3	3
18-20 LST	1	5	9	10	6	5	2	2	1	0	1	2	4
21-23 LST	#	4	6	7	6	4	2	1	1	1	1	1	3
ALL HOURS	1	4	6	8	5	4	2	1	1	1	1	2	3

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	4	4	6	4	4	1	#	1	0	1	2	2
03-05 LST	#	3	4	3	2	2	1	0	1	0	0	1	1
06-08 LST	#	3	4	5	3	3	1	#	1	#	0	1	2
09-11 LST	1	3	5	6	2	2	1	1	2	1	1	1	2
12-14 LST	#	4	6	6	4	3	1	2	2	1	1	2	3
15-17 LST	1	5	7	7	3	4	1	1	1	#	0	2	2
18-20 LST	1	5	6	8	4	3	2	2	#	0	1	2	3
21-23 LST	0	3	5	5	5	2	1	1	1	1	#	1	2
ALL HOURS	#	4	5	6	3	3	1	1	1	#	#	1	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	1	2	1	0	0	#	0	0	#	1
03-05 LST	0	1	1	1	1	#	#	0	1	0	0	1	#
06-08 LST	0	#	1	2	1	0	#	0	#	0	0	#	#
09-11 LST	0	1	2	1	1	#	#	#	1	#	0	0	1
12-14 LST	0	2	2	3	1	#	0	#	1	0	#	1	1
15-17 LST	1	1	3	3	1	1	0	1	0	0	0	1	1
18-20 LST	#	2	2	3	1	2	1	1	0	#	#	1	1
21-23 LST	0	1	1	1	2	1	#	#	0	0	0	#	1
ALL HOURS	#	1	2	2	1	1	#	#	#	#	#	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TIKANLIK, CHINA
LOCATION: 4038N 8743E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 517650
ELEVATION (FEET): 2779
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	45	61	77	95	99	102	106	106	97	86	68	54 106
MEAN DAILY MAX	1	30	41	56	71	82	88	91	90	81	68	48	32 65
MEAN	1	16	26	43	59	70	77	80	78	67	51	34	18 52
MEAN DAILY MIN	1	3	12	27	43	55	63	66	63	51	36	22	7 37
EXTREME MIN	1	-6	-4	7	18	27	46	50	43	36	22	3	-6 -6
# DAYS GE 90	1	0	0	0	1	7	16	22	19	3	0	0	0 67
# DAYS LE 32	1	31	28	23	2	#	0	0	0	9	29	31	153
# DAYS LE 0	1	8	2	0	0	0	0	0	0	0	0	5	15
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	#	0	#	0	0	#	0.1	0	0	0	0	0.2
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.04	2	#	0	#	0	0	0	0	0	0	0	#	#
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (8 LST)	1	79	65	49	46	44	51	55	55	62	67	74	79 61
RH (17 LST)	1	37	26	17	15	15	22	24	24	22	20	30	38 24
VAPOR PRESS	1	.06	.06	.09	.14	.21	.33	.39	.37	.28	.17	.11	.06 .19
DEWPOINT	1	4	6	13	23	33	46	51	49	42	29	18	7 27
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLC DRCTN	1	\$W	\$W	\$E	\$E	\$E	\$ENE	\$E	\$ENE	\$E	\$E	\$W	\$E
MEAN SPEED													
(PVLC DRCTN)	1	5	5	8	9	9	9	7	8	7	7	5	5 7
MEAN SPEED													
(ALL OBS)	1	3	4	5	6	7	6	5	5	4	3	3	3 5
MAX PEAK GUST		*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	9610	9250	9170	9560	9580	9640	9710	9600	9140	9160	9190	9170 9710
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	3	3	4	3	4	4	4	3	3	2	2	2 3
DAYS TSMS	1	0	0	#	1	1	4	5	3	1	0	#	0 15
DAYS FOG LT 7	1	1	#	0	0	0	0	#	0	0	0	#	1 2
DAYS BNBD LT 7	1	#	3	6	9	6	4	3	3	3	2	#	2 41
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT FVLGN DRCTN
 C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAETAC DATSAV FOR JAN 73 - DEC 86, 3 HOURLY
 2. MIS 39A, DATA FOR CHARKHLIK, FOR VARIED
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	4	7	5	2	2	1	1	#	1	1	2
03-05 LST	1	1	2	6	3	2	1	1	#	0	1	1	2
06-08 LST	2	#	4	9	7	3	1	1	1	#	2	2	3
09-11 LST	3	1	5	11	8	4	3	2	1	1	1	3	4
12-14 LST	1	4	9	14	11	3	2	2	2	3	1	2	5
15-17 LST	1	2	6	11	5	3	1	0	1	3	1	2	3
18-20 LST	1	2	9	12	8	3	2	1	1	1	1	2	4
21-23 LST	1	1	4	7	7	2	2	#	1	0	1	1	2
ALL HOURS	1	2	6	10	7	3	2	1	1	1	1	2	3

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	4	7	5	2	2	1	1	#	1	1	2
03-05 LST	1	1	2	6	3	2	1	1	#	0	1	1	2
06-08 LST	2	#	4	9	6	3	1	1	1	#	1	2	3
09-11 LST	2	1	5	11	8	4	3	2	1	1	1	3	4
12-14 LST	0	4	9	14	11	3	2	2	2	3	1	2	4
15-17 LST	0	2	6	11	5	3	1	0	1	3	1	2	3
18-20 LST	#	2	9	12	8	3	2	1	1	1	1	2	3
21-23 LST	1	1	4	7	7	2	2	#	1	0	1	1	2
ALL HOURS	1	2	6	10	7	3	2	1	1	1	1	2	3

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	3	6	3	1	1	1	1	#	0	1	2
03-05 LST	1	#	1	5	2	1	1	1	#	0	1	1	1
06-08 LST	2	0	3	8	5	2	1	1	1	#	1	2	2
09-11 LST	2	1	5	9	8	4	2	2	1	1	1	3	3
12-14 LST	#	3	7	11	9	3	2	2	2	3	1	2	4
15-17 LST	0	2	4	9	4	2	1	0	#	3	1	2	2
18-20 LST	#	1	6	8	6	3	2	1	1	1	1	2	3
21-23 LST	1	1	3	7	5	2	1	0	#	0	#	1	2
ALL HOURS	1	1	4	8	5	2	1	1	1	1	1	2	2

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	2	1	0	0	1	0	#	#	#	#
03-05 LST	1	#	#	1	1	1	#	0	0	#	1	0	#
06-08 LST	1	0	1	3	1	#	0	0	#	0	1	1	1
09-11 LST	1	0	2	3	1	1	1	0	0	0	0	1	1
12-14 LST	0	1	2	3	1	#	#	0	#	#	#	1	1
15-17 LST	0	#	1	2	2	#	#	#	0	#	#	0	1
18-20 LST	#	1	#	2	2	1	0	0	0	0	0	0	1
21-23 LST	1	#	0	2	1	2	0	0	0	0	0	1	1
ALL HOURS	#	#	1	2	1	1	#	#	#	#	#	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TIKANLIK, CHINA
LOCATION: 4038N 8743E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 517650
ELEVATION (FEET): 2779
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	1	1	2	2	1	0	0	0	#
03-05 LST	0	0	0	#	0	1	2	#	#	0	#	0	#
06-08 LST	0	0	0	#	0	#	1	1	#	0	0	0	#
09-11 LST	0	0	0	0	0	1	#	1	0	0	0	0	#
12-14 LST	0	0	#	#	1	1	0	#	0	0	0	0	#
15-17 LST	0	0	0	0	0	2	2	2	1	0	0	0	#
18-20 LST	0	0	0	0	1	1	0	0	#	0	0	0	#
21-23 LST	0	0	0	0	0	1	1	2	#	0	0	0	#
ALL HOURS	0	0	#	#	#	1	1	1	#	0	#	0	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	1	3	5	3	2	#	0	0	1
03-05 LST	0	#	#	1	1	2	5	3	1	1	1	0	1
06-08 LST	0	0	0	1	1	3	5	3	2	1	1	0	1
09-11 LST	0	0	#	1	1	3	4	3	1	#	0	0	1
12-14 LST	0	0	#	1	2	4	2	1	#	#	#	0	1
15-17 LST	0	0	0	#	1	3	2	3	1	0	0	#	1
18-20 LST	0	#	#	1	2	3	3	3	1	#	#	0	1
21-23 LST	0	0	#	#	2	5	2	2	1	#	#	0	1
ALL HOURS	0	#	#	1	1	3	3	3	1	#	#	#	1

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	#	0	0	0	0	0	0	0	0	#	#
03-05 LST	1	0	#	0	0	0	0	0	0	#	0	#	#
06-08 LST	2	1	0	#	0	0	0	0	0	0	#	1	#
09-11 LST	4	1	1	#	0	0	0	0	0	0	1	3	1
12-14 LST	3	1	1	0	0	0	0	0	0	0	1	2	1
15-17 LST	2	1	#	0	0	0	0	0	0	0	1	0	#
18-20 LST	1	1	#	0	0	0	0	#	0	0	#	0	#
21-23 LST	1	1	0	0	0	0	0	0	0	0	0	0	#
ALL HOURS	2	1	#	#	0	0	0	#	0	#	#	1	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	1	1	0	1	0	#	0	0	#
03-05 LST	0	1	0	#	1	#	1	0	0	0	0	0	#
06-05 LST	0	0	0	#	1	0	1	0	0	0	0	#	#
09-11 LST	0	0	1	1	2	0	#	1	0	#	0	0	#
12-14 LST	0	0	1	2	2	#	0	0	0	#	#	#	#
15-17 LST	#	0	0	1	2	0	#	0	#	#	0	#	#
18-20 LST	0	1	1	1	2	1	0	0	#	0	0	0	#
21-23 LST	#	#	0	1	#	1	#	0	0	0	0	0	#
ALL HOURS	#	#	#	1	1	#	#	#	#	#	#	#	#

REMARKS: * - DATA NOT AVAILABLE # = 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73 - DEC 86, 3 HOURLY
2.
3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	3	6	3	1	1	1	1	#	0	1	2
03-05 LST	1	#	1	5	2	1	1	1	#	0	1	1	1
06-08 LST	2	0	3	8	5	2	1	1	1	#	1	2	2
09-11 LST	2	1	5	9	8	4	2	2	1	1	1	3	3
12-14 LST	#	3	7	11	9	3	1	2	2	3	1	2	4
15-17 LST	0	2	4	9	4	2	1	0	#	3	1	2	2
18-20 LST	#	1	6	8	6	3	2	1	1	1	1	2	3
21-23 LST	1	1	3	7	5	2	1	0	#	0	#	1	2
ALL HOURS	1	1	4	8	5	2	1	1	1	1	1	2	2

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	5	2	1	1	1	1	#	0	1	1
03-05 LST	1	#	1	3	2	1	1	1	#	0	1	0	1
06-08 LST	2	0	2	5	4	1	1	1	1	#	1	2	2
09-11 LST	2	1	3	6	5	3	2	2	1	0	1	2	2
12-14 LST	#	2	4	8	7	2	1	1	1	2	#	2	2
15-17 LST	0	1	3	7	4	1	1	0	0	1	1	1	2
18-20 LST	#	1	4	6	4	3	2	1	1	#	0	2	2
21-23 LST	1	#	2	5	4	2	1	0	0	0	#	1	1
ALL HOURS	1	1	3	6	4	2	1	1	#	1	#	1	2

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	4	1	1	1	1	0	#	#	1	1
03-05 LST	1	#	#	2	1	1	1	#	0	0	1	0	1
06-08 LST	1	0	1	4	3	1	#	#	#	0	1	1	1
09-11 LST	2	0	2	5	4	2	1	1	1	0	#	2	2
12-14 LST	0	1	3	6	5	1	1	0	#	1	#	2	2
15-17 LST	0	1	3	4	3	1	#	0	0	1	1	1	1
18-20 LST	#	1	2	4	4	2	1	#	#	#	0	1	1
21-23 LST	1	#	1	4	3	2	#	0	0	0	0	1	1
ALL HOURS	1	#	2	4	3	1	1	#	#	#	#	1	1

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	1	0	0	0	0	#	#	#	#
03-05 LST	1	#	0	#	1	#	0	0	0	0	1	#	#
06-08 LST	#	0	0	2	#	0	0	0	#	0	1	#	#
09-11 LST	0	0	1	1	1	#	1	0	0	#	0	#	#
12-14 LST	0	#	1	1	1	0	#	0	0	#	0	#	#
15-17 LST	0	0	#	1	#	#	#	#	0	#	#	#	#
18-20 LST	0	0	#	#	1	#	0	0	0	0	0	#	#
21-23 LST	1	0	0	1	#	0	0	0	0	0	0	#	#
ALL HOURS	#	#	#	1	1	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TURPAN, CHINA
LOCATION: 4256N 8913E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 515730
ELEVATION (FEET): 121
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	44	57	82	97	109	119	116	114	104	90	73	57 119
MEAN DAILY MAX	1	25	40	59	77	89	97	100	98	87	70	48	28 68
MEAN	1	16	29	49	66	79	87	90	86	74	57	37	19 57
MEAN DAILY MIN	1	8	20	37	54	66	75	78	74	61	45	28	12 47
EXTREME MIN	1	-10	-7	17	34	50	50	57	52	43	30	9	-12 -12
# DAYS GE 90	1	0	0	0	1	14	26	30	27	11	#	0	0 109
# DAYS LE 32	1	31	27	10	0	0	0	0	0	1	22	31	122
# DAYS LE 0	1	4	1	0	0	0	0	0	0	0	0	3	7
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	3	#	#	1	1	4	4	3	2	1	#	1 20
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.1	1	3	#	#	0	#	0	0	0	0	0	0	1 4
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (Z) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (8 LST)	1	69	57	40	35	37	41	42	45	54	62	64	70 52
RH (5 LST)	1	66	55	37	32	31	35	36	39	48	59	61	69 48
VAPOR PRESS	1	.06	.08	.10	.17	.26	.38	.43	.44	.34	.22	.12	.07 .22
DEWPOINT	1	4	10	17	28	40	50	53	54	47	35	20	7 30
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCN	1	\$N	\$N	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$E	\$NW	\$SE \$E
MEAN SPEED													
(PVLG DRCN)	1	3	3	6	7	6	6	5	5	5	5	3	3 5
MEAN SPEED													
(ALL OBS)	1	1	2	3	4	4	4	4	3	3	2	1	1 3
MAX PEAK GUST		*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	200	400	450	750	1000	1100	1400	1300	1000	1000	950	700 1400
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	3	3	4	4	4	5	4	4	3	2	3	3 4
DAYS TSTMS	1	1	0	1	1	0	18	15	10	3	1	0	1 51
DAYS FOG LT 7	1	67	53	2	2	0	0	2	2	3	2	2	5 140
DAYS BNBD LT 7	1	0	#	1	2	2	1	#	#	#	#	0	# 7
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT FVLGN DECTN
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73-DEC 86, 3 HOURLY
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	6	15	12	2	3	1	3	4	2	4	5
03-05 LST	2	3	6	13	14	5	4	2	4	3	2	3	5
06-08 LST	3	3	7	17	21	10	5	5	5	3	1	4	7
09-11 LST	10	5	8	17	20	8	5	4	4	5	3	11	8
12-14 LST	2	4	8	17	17	5	3	3	2	4	1	3	6
15-17 LST	2	3	7	16	13	3	2	2	2	3	1	2	5
18-20 LST	9	4	7	15	10	2	2	1	2	6	8	16	7
21-23 LST	4	3	6	12	9	1	1	1	1	5	2	6	4
ALL HOURS	4	4	7	15	15	4	3	2	3	4	3	6	6

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	6	15	12	2	3	1	3	4	2	4	5
03-05 LST	2	3	6	13	14	5	4	2	4	3	2	3	5
06-08 LST	3	3	7	17	21	10	5	5	5	3	1	4	7
09-11 LST	9	5	8	17	20	8	5	4	4	5	3	11	8
12-14 LST	2	4	8	17	17	5	3	3	2	4	1	3	6
15-17 LST	1	3	7	16	13	3	2	2	2	3	1	2	5
18-20 LST	9	4	7	15	10	2	2	1	2	6	8	16	7
21-23 LST	3	3	6	12	9	1	1	1	1	5	2	6	4
ALL HOURS	4	4	7	15	15	4	3	2	3	4	3	6	6

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	4	12	9	2	1	1	3	3	1	2	3
03-05 LST	1	2	5	12	11	3	3	2	3	3	2	1	4
06-08 LST	2	1	6	14	17	7	4	3	4	3	1	2	5
09-11 LST	5	2	5	12	16	6	3	2	3	3	1	2	5
12-14 LST	1	1	5	13	14	3	2	2	2	3	1	1	4
15-17 LST	1	2	5	12	10	2	2	2	2	2	1	1	3
18-20 LST	2	1	5	12	7	2	1	1	2	3	2	2	3
21-23 LST	1	1	4	10	8	1	#	1	1	3	1	2	3
ALL HOURS	2	1	5	12	11	3	2	2	2	3	1	1	4

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	6	3	1	1	1	1	1	1	1	1
03-05 LST	#	#	1	5	4	1	1	1	1	#	#	0	1
06-08 LST	1	0	1	6	7	3	2	1	1	1	#	#	2
09-11 LST	0	0	1	5	7	2	1	1	2	1	#	#	2
12-14 LST	0	0	1	6	5	1	1	1	1	1	1	0	1
15-17 LST	0	1	1	7	2	1	1	0	#	1	1	#	1
18-20 LST	#	0	1	5	2	1	#	#	1	1	1	#	1
21-23 LST	#	0	1	5	1	1	1	0	1	1	1	0	1
ALL HOURS	#	#	1	6	4	1	1	0	1	1	1	0	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TURPAN, CHINA
LOCATION: 4256N 8913E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 515730
ELEVATION (FEET): 121
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	1	1	0	0	0	0	0
03-05 LST	0	0	0	0	0	1	1	0	1	0	0	0	0
06-08 LST	0	0	0	0	0	1	1	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	1	0	1	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	1	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	1	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	1	1	1	0	0	0	0	0
ALL HOURS	0	0	0	0	0	1	1	0	0	0	0	0	0

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	0	1	3	4	3	3	0	0	1	1
03-05 LST	0	0	0	1	2	4	4	2	3	1	1	0	1
06-08 LST	0	0	1	1	2	3	3	3	2	1	1	1	1
09-11 LST	0	0	1	0	2	4	4	4	1	2	0	0	1
12-14 LST	0	0	0	0	1	2	3	3	1	1	0	1	1
15-17 LST	0	0	0	1	1	3	2	2	2	1	0	0	1
18-20 LST	0	0	0	2	2	4	2	3	2	1	0	0	1
21-23 LST	1	0	1	1	1	4	2	2	1	0	0	0	1
ALL HOURS	0	0	0	1	1	3	3	3	2	1	0	0	1

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	0	0	0	0	0	0	0	0	0	1	0
03-05 LST	4	0	0	0	0	0	0	0	0	0	0	2	1
06-08 LST	4	1	0	0	0	0	0	0	0	0	0	3	1
09-11 LST	5	1	0	0	0	0	0	0	0	0	0	4	1
12-14 LST	8	1	0	0	0	0	0	0	0	0	0	3	1
15-17 LST	4	1	0	0	0	0	0	0	0	0	0	2	1
18-20 LST	2	0	0	0	0	0	0	0	0	0	0	1	0
21-23 LST	2	1	0	0	0	0	0	0	0	0	0	1	0
ALL HOURS	4	1	0	0	0	0	0	0	0	0	0	2	1

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	2	1	0	1	0	0	0	0	0	0
03-05 LST	0	0	0	1	1	0	0	0	0	0	0	0	0
06-08 LST	0	0	1	1	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	1	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	1	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	1	2	1	1	0	0	1	0	0	0	0
18-20 LST	0	0	1	3	1	1	0	0	0	0	0	0	0
21-23 LST	0	0	1	2	1	1	1	0	0	0	0	0	0
ALL HOURS	0	0	0	1	1	0	0	0	0	0	0	0	0

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73 - DEC 86, 3 HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	4	12	9	2	1	1	3	3	1	2	3
03-05 LST	1	2	5	12	11	3	3	2	3	3	2	1	4
06-08 LST	2	1	6	14	17	7	4	3	4	3	1	2	5
09-11 LST	5	2	5	12	16	6	3	2	3	3	1	2	5
12-14 LST	1	1	5	13	14	3	2	2	2	3	1	1	4
15-17 LST	1	2	5	12	10	2	2	2	2	2	1	1	3
18-20 LST	2	1	5	12	7	2	1	1	2	3	2	2	3
21-23 LST	1	1	4	10	8	1	#	1	1	3	1	2	3
ALL HOURS	2	1	5	12	11	3	2	2	2	3	1	1	4

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	2	10	5	1	1	1	2	2	1	1	2
03-05 LST	1	1	2	9	6	3	2	1	2	3	1	#	2
06-08 LST	1	0	4	10	13	4	3	2	3	2	#	0	4
09-11 LST	3	0	3	8	11	4	2	1	2	2	#	1	3
12-14 LST	0	0	2	8	9	2	1	2	2	2	1	#	2
15-17 LST	#	1	3	9	6	1	1	1	1	1	1	#	2
18-20 LST	#	0	3	8	5	2	1	1	1	2	1	1	2
21-23 LST	#	#	2	8	4	1	#	0	1	3	1	0	2
ALL HOURS	1	#	3	9	7	2	1	1	2	2	1	#	2

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	2	7	5	1	1	1	2	2	1	1	2
03-05 LST	#	1	2	8	6	2	1	1	1	2	1	0	2
06-08 LST	1	0	3	8	9	4	3	1	2	2	#	#	3
09-11 LST	1	0	2	6	9	3	2	1	2	1	#	#	2
12-14 LST	0	0	1	7	7	2	1	1	2	1	1	#	2
15-17 LST	#	1	1	7	5	1	1	0	1	1	1	#	2
18-20 LST	#	0	2	6	4	1	1	#	1	1	1	#	1
21-23 LST	#	0	1	6	2	1	#	0	1	2	1	0	1
ALL HOURS	#	#	2	7	6	2	1	1	1	1	1	#	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	2	2	1	#	0	1	1	0	1	1
03-05 LST	0	#	1	2	2	1	#	1	1	#	#	0	1
06-08 LST	1	0	1	4	5	2	1	0	1	1	#	0	1
09-11 LST	0	0	#	3	5	1	1	#	1	1	#	#	1
12-14 LST	0	0	0	3	2	#	1	#	1	1	1	0	1
15-17 LST	0	1	0	2	1	#	0	0	0	#	0	#	#
18-20 LST	#	0	#	2	1	1	0	#	1	1	#	#	#
21-23 LST	#	0	1	3	1	#	0	0	#	0	#	0	#
ALL HOURS	#	#	#	2	2	1	#	#	#	1	#	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ASTARA, USSR
 LOCATION: 38°27'N, 48°53'E
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 379890
 ELEVATION (FEET): -79
 PERIOD: 7301-8512

ICAO ID: N/A
 LST - GMT +4

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	63	63	66	70	77	86	92	91	86	77	67	67	92
MEAN DLY MAX	1	42	43	48	58	66	75	81	79	74	63	54	48	61
MEAN	1	41	40	45	55	63	71	77	76	71	60	52	44	59
MEAN DLY MIN	1	38	38	43	51	60	67	72	71	66	57	49	42	55
EXTREME MIN	1	28	28	30	39	45	52	61	59	54	45	36	30	28
# DAYS > 90	1	0	0	0	0	0	0	#	#	0	0	0	0	#
# DAYS < 32	1	1	1	#	0	0	0	0	0	0	0	0	#	2
# DAYS < 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (04 LST)	1	85	87	87	89	88	84	76	79	84	89	90	88	85
RH (13 LST)	1	73	79	80	77	71	66	58	66	74	77	79	76	73
VAPOR PRESS	1	.21	.22	.27	.37	.49	.59	.64	.67	.61	.47	.34	.25	.44
DEWPOINT	1	35	35	41	50	57	63	65	66	64	55	47	39	52
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	N	NW	SE	SE	SE	W	W	W	W	W	W	W	W
MEAN SPEED														
(PVLG DRCTN)	1	5	4	6	6	7	3	3	3	3	3	3	3	3
MEAN SPEED														
(ALL OBS)	1	4	4	4	4	4	4	4	4	4	4	3	4	4
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	30	90	150	150	170	190	230	230	150	110	50	50	230
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	6	6	5	5	3	3	3	4	5	5	5	5
DAYS TSMS	1	#	0	#	#	1	2	#	#	1	#	#	#	7
DAYS FOG < 7	1	#	2	3	4	#	#	0	#	#	#	#	#	14
DAYS BNBD < 7	1	#	0	#	#	#	#	#	#	0	#	#	0	2
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000 STATUTE MILES (MI) (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	51	63	70	63	53	43	26	38	53	73	67	59	55
03-05 LST	53	65	64	59	64	52	39	46	55	68	66	66	58
06-08 LST	53	68	60	58	52	34	32	37	42	61	64	68	52
09-11 LST	49	6	65	50	52	37	27	32	45	60	51	51	49
12-14 LST	53	5	62	53	52	24	20	29	51	52	60	53	47
15-17 LST	57	70	68	53	57	38	25	27	54	59	67	57	53
18-20 LST	59	71	69	58	65	46	22	32	61	68	69	63	57
21-23 LST	52	66	69	57	56	45	40	47	60	66	68	64	58
ALL HOURS	53	66	66	56	56	40	29	36	53	63	64	60	54

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	26	36	36	29	22	11	16	14	18	45	43	38	28
03-05 LST	28	38	35	31	28	17	23	22	24	39	40	41	31
06-08 LST	29	37	28	16	16	3	3	5	8	20	39	42	21
09-11 LST	31	29	29	19	12	3	2	5	14	17	25	18	17
12-14 LST	22	29	23	13	8	2	2	2	12	12	24	19	14
15-17 LST	28	36	26	12	5	3	2	3	9	15	20	22	15
18-20 LST	33	36	25	12	3	3	2	5	11	29	33	38	17
21-23 LST	31	30	29	23	15	21	21	20	19	43	41	39	28
ALL HOURS	29	34	29	19	14	8	9	10	14	28	33	32	21

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	6	6	2	1	0	0	1	2	2	3	3
03-05 LST	5	10	4	10	1	2	2	1	2	1	3	1	4
06-08 LST	4	9	4	8	3	1	1	2	0	1	2	4	3
09-11 LST	12	8	9	11	5	1	2	4	2	1	3	1	5
12-14 LST	7	7	7	7	2	1	1	0	1	2	3	1	3
15-17 LST	8	6	8	6	2	2	1	0	1	1	4	1	3
18-20 LST	10	8	5	5	0	3	2	1	2	0	1	2	3
21-23 LST	6	5	5	7	1	5	2	2	2	2	4	1	4
ALL HOURS	7	8	6	8	2	2	1	1	1	1	3	2	4

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	6	6	2	1	0	0	1	2	1	2	3
03-05 LST	5	9	3	8	1	0	1	0	1	1	2	1	3
06-08 LST	3	7	4	8	3	1	1	1	0	1	2	3	3
09-11 LST	9	6	9	10	4	1	2	1	1	1	3	1	4
12-14 LST	6	6	6	7	1	1	0	0	1	1	2	1	3
15-17 LST	6	5	7	6	2	1	0	0	1	1	3	1	3
18-20 LST	9	7	4	5	0	3	2	0	1	0	1	2	3
21-23 LST	5	5	5	7	1	4	1	0	2	1	2	1	3
ALL HOURS	6	7	6	7	2	2	1	1	1	1	2	2	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ASTARA, USSR
LOCATION: 38°27'N, 48°53'E
PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 379890
ELEVATION (FEET): -79
PERIOD: 7301-8512

ICAO ID: N/A
LST - GMT +4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	1	2	0	0	1	1	0	0	1
03-05 LST	0	0	0	1	1	1	0	0	0	0	0	0	#
06-08 LST	0	0	0	0	1	1	0	1	1	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	1	0	1	0	0	0	0	0	#
15-17 LST	1	0	1	0	2	2	0	0	0	1	0	0	1
18-20 LST	0	0	0	1	1	0	0	0	1	0	1	0	#
21-23 LST	0	0	1	1	1	3	0	2	2	0	0	1	1
ALL HOURS	#	0	#	1	1	1	#	#	1	#	#	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	12	13	12	8	2	0	4	12	24	25	18	11
03-05 LST	7	15	14	9	9	5	3	10	20	18	27	22	13
06-08 LST	10	14	13	9	13	4	2	10	15	19	27	20	13
09-11 LST	11	16	16	7	9	4	2	5	17	21	22	18	12
12-14 LST	9	14	13	7	9	4	2	6	15	13	20	19	11
15-17 LST	14	20	14	4	5	6	4	3	8	18	13	19	11
18-20 LST	10	16	16	10	6	3	0	4	13	26	19	14	11
21-23 LST	10	9	16	10	10	4	4	7	18	25	21	14	12
ALL HOURS	10	15	14	9	9	4	2	6	15	21	22	18	12

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	7	3	0	0	0	0	0	0	0	0	1	2
03-05 LST	7	3	4	1	0	0	0	0	0	0	0	2	1
06-08 LST	11	7	3	0	0	0	0	0	0	0	0	0	2
09-11 LST	10	8	3	1	0	0	0	0	0	0	0	0	2
12-14 LST	5	10	3	0	0	0	0	0	0	0	2	0	2
15-17 LST	7	8	4	0	0	0	0	0	0	0	0	1	2
18-20 LST	9	7	3	1	0	0	0	0	0	0	0	1	2
21-23 LST	10	8	3	0	0	0	0	0	0	0	1	1	2
ALL HOURS	8	7	3	#	0	0	0	0	0	0	#	1	2

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	0	1	3	1	0	0	0	0	0	0	0	1
03-05 LST	0	0	0	0	0	0	1	0	0	1	0	0	#
06-08 LST	2	0	0	0	0	0	0	0	1	1	0	0	#
09-11 LST	1	1	0	0	0	0	0	0	0	1	1	2	1
12-14 LST	0	0	0	0	0	0	0	0	1	0	1	0	#
15-17 LST	0	0	1	1	1	1	0	0	1	1	2	2	1
18-20 LST	2	0	0	0	0	1	0	0	2	0	0	0	1
21-23 LST	0	0	1	0	0	0	0	0	0	0	0	0	#
ALL HOURS	1	#	#	1	#	#	#	0	1	1	1	1	1

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	6	6	2	1	0	0	1	2	2	3	3
03-05 LST	5	10	4	8	1	2	2	1	2	1	3	1	3
06-08 LST	4	9	4	8	3	1	1	2	0	1	2	4	3
09-11 LST	12	8	9	10	5	1	2	4	2	1	3	1	5
12-14 LST	7	7	7	7	2	1	1	0	1	2	3	1	3
15-17 LST	8	6	8	6	2	2	1	0	1	1	4	1	3
18-20 LST	10	8	5	5	0	3	2	1	2	0	1	2	3
21-23 LST	6	5	5	7	1	5	2	1	2	2	4	1	3
ALL HOURS	7	8	6	7	2	2	1	1	1	1	3	2	3

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	6	6	2	1	0	0	1	2	2	2	3
03-05 LST	5	10	4	8	1	2	1	1	2	1	3	1	3
06-08 LST	4	9	4	8	3	1	1	2	0	1	2	4	3
09-11 LST	12	8	9	10	5	1	2	3	1	1	3	1	5
12-14 LST	7	7	7	7	2	1	1	0	1	2	2	1	3
15-17 LST	8	6	8	6	2	2	1	0	1	1	4	1	3
18-20 LST	9	7	5	5	0	3	2	1	1	0	1	2	3
21-23 LST	6	5	5	7	1	4	1	1	2	2	2	1	3
ALL HOURS	7	7	6	7	2	2	1	1	1	1	2	2	3

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	6	6	2	1	0	0	1	2	1	2	3
03-05 LST	5	10	4	8	1	1	1	1	1	1	2	1	3
06-08 LST	3	7	4	8	3	1	1	1	0	1	2	3	3
09-11 LST	9	8	9	10	4	1	2	2	1	1	3	1	4
12-14 LST	7	6	6	7	2	1	1	0	1	1	2	1	3
15-17 LST	6	6	7	6	2	1	1	0	1	1	4	1	3
18-20 LST	9	7	5	5	0	3	2	1	1	0	1	2	3
21-23 LST	5	5	5	7	1	4	1	1	2	2	2	1	3
ALL HOURS	6	6	6	7	2	2	1	1	1	1	2	2	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	1	2	1	1	0	0	1	1	1	2	1
03-05 LST	2	5	1	2	0	0	0	0	1	1	2	0	1
06-08 LST	2	5	2	3	1	1	1	1	0	1	2	2	2
09-11 LST	2	4	4	3	2	0	1	1	0	1	2	1	2
12-14 LST	2	2	1	2	1	1	0	0	1	0	1	0	1
15-17 LST	2	2	1	1	1	0	0	0	0	1	0	1	1
18-20 LST	4	2	1	2	0	3	2	0	1	0	0	1	1
21-23 LST	1	2	3	1	1	1	0	0	2	1	2	1	1
ALL HOURS	2	3	2	2	1	1	1	#	1	1	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BINA STARAYA, AZERBAIJAN
LOCATION: 4028N 5005E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 378640
ELEVATION (FEET): -22
PERIOD: 7301-9012

ICAO:
LST = GMT + 5

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	64	76	72	82	88	96	100	108	94	86	74	79	108
MEAN DAILY MAX	1	41	41	45	56	65	76	81	80	74	62	52	45	60
MEAN	1	39	39	43	52	62	72	78	77	70	59	50	43	57
MEAN DAILY MIN	1	36	36	39	47	57	66	72	72	64	55	47	40	53
EXTREME MIN	1	0	18	22	32	39	50	57	54	36	30	28	22	0
# DAYS GE 90	1	0	0	0	0	0	1	3	4	#	0	0	0	8
# DAYS LE 32	1	8	6	3	#	0	0	0	0	0	#	1	3	21
# DAYS LE 0	1	#	0	0	0	0	0	0	0	0	0	0	0	#
2. PRECIPITATION (INCHES)														
MAXIMUM	2	3.1	1.3	2.6	2.8	1.1	1.0	0.7	0.8	2.0	2.2	2.5	2.2	11.5
MEAN	2	1.0	0.6	0.8	0.8	0.5	0.3	0.2	0.3	0.6	0.9	1.1	0.9	8.1
MINIMUM	2	#	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	#	0.0	0.1	4.7
MAX 24 HR	2	1.0	0.7	1.0	0.9	0.6	0.4	0.5	0.6	0.7	1.2	0.7	1.0	1.2
# DAYS GE 0.004	1	10	10	8	6	4	3	2	3	4	8	7	9	72
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	4	4	2	#	0	0	0	#	0	#	#	1	11
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (08 LST)	1	87	87	89	87	85	81	79	83	85	86	87	86	85
RH (14 LST)	1	74	75	72	62	54	47	50	49	57	64	72	72	62
VAPOR PRESS	1	.20	.20	.23	.31	.41	.52	.64	.63	.55	.40	.30	.23	.39
DEWPOINT	1	33	33	37	45	52	59	65	64	60	51	44	37	48
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	NNW	N	NNW	S	S	N	N	N	N	N	N	NNW	N
MEAN SPEED														
(PVLG DRCTN)	1	16	19	19	15	14	18	20	18	18	18	17	17	17
MEAN SPEED														
(ALL OBS)	1	13	15	14	14	13	14	16	13	13	13	13	14	14
MAX PEAK GUST	1	47	45	43	39	51	43	43	43	43	43	45	43	51
PRESSURE ALT		*	*	*	*	*	*	*	*	*	*	*	*	*
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	6	5	4	3	2	2	3	5	5	5	4
DAYS TSTMS	1	#	0	#	#	0	#	#	#	#	#	0	0	2
DAYS FOG LT 7	1	7	6	8	8	5	2	2	3	5	4	5	7	60
DAYS BNBD LT 7	1	#	0	#	#	#	#	#	#	0	#	#	#	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(BINA STARAYA, AZERBAIJAN)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE DATA, 1 JAN 73-31 DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAY 61, FOR 17-61 YRS (PRECIPITATION
DATA FOR BAKU, 4021N, 4951E, ELEVATION -43 FT)

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	59	59	49	24	11	5	4	8	13	30	47	49	30
03-05 LST	58	57	52	35	16	8	9	11	18	27	46	52	32
06-08 LST	62	55	60	40	28	11	13	18	33	45	50	52	39
09-11 LST	62	61	58	25	12	3	6	8	21	32	52	60	33
12-14 LST	57	56	49	19	9	2	5	6	15	26	45	54	29
15-17 LST	52	49	40	11	7	5	4	6	11	29	36	46	25
18-20 LST	53	53	40	21	7	3	5	8	9	27	37	45	26
21-23 LST	55	48	41	21	8	4	3	5	12	27	42	52	27
ALL HOURS	57	55	49	25	12	5	6	9	16	30	45	51	30

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	33	33	22	10	3	4	6	8	13	20	22	17
03-05 LST	29	37	34	30	15	8	9	9	15	14	21	24	20
06-08 LST	37	34	43	37	27	11	11	15	29	28	26	22	27
09-11 LST	41	42	41	21	11	2	3	3	9	15	31	36	21
12-14 LST	33	34	30	12	6	2	2	3	4	7	20	23	15
15-17 LST	31	26	26	8	5	3	2	1	4	8	13	22	13
18-20 LST	27	28	25	16	6	2	2	4	3	7	13	18	13
21-23 LST	25	25	23	18	8	3	2	3	7	9	13	24	13
ALL HOURS	32	32	32	21	11	4	4	6	10	13	20	24	17

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	20	22	17	6	1	2	5	5	6	9	11	10
03-05 LST	14	20	23	23	11	4	5	7	8	10	9	10	12
06-08 LST	21	24	25	20	10	3	4	3	13	16	13	10	13
09-11 LST	16	20	20	10	5	0	1	1	1	2	8	15	8
12-14 LST	12	16	14	7	2	#	1	1	1	1	7	5	6
15-17 LST	11	11	8	4	1	1	#	0	2	2	3	8	4
18-20 LST	12	14	12	11	3	1	#	1	1	2	6	9	6
21-23 LST	11	18	12	14	6	2	1	1	3	2	7	13	8
ALL HOURS	14	18	17	13	5	2	2	2	4	5	8	10	8

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	6	7	8	1	#	1	3	2	2	4	3	3
03-05 LST	4	4	9	8	4	2	3	5	5	4	3	3	4
06-08 LST	4	8	10	7	4	#	1	1	6	6	3	1	4
09-11 LST	6	3	2	#	2	0	1	0	1	0	2	1	1
12-14 LST	1	2	1	1	1	(1	1	#	1	1	0	1
15-17 LST	2	#	0	0	0	1	#	0	1	#	0	1	#
18-20 LST	3	3	2	1	#	0	#	1	1	1	2	#	1
21-23 LST	3	3	1	4	#	1	1	#	1	1	#	2	2
ALL HOURS	3	4	4	4	1	#	1	1	2	2	2	1	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BINA STARAYA, AZERBAIJAN
 LOCATION: 4028N 5005E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 378640
 ELEVATION (FEET): -22
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	#	1	1	1	0	0	#
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
15-17 LST	0	0	0	0	0	1	0	1	0	0	0	0	#
18-20 LST	0	0	#	0	0	0	0	0	0	0	0	0	#
21-23 LST	0	0	#	#	0	0	#	#	#	#	0	0	#
ALL HOURS	#	0	#	#	0	#	#	#	#	#	0	0	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	8	9	7	5	2	2	1	2	6	6	9	5
03-05 LST	6	7	7	5	3	2	2	3	4	5	4	9	5
06-08 LST	6	7	5	6	6	1	1	2	3	10	8	7	5
09-11 LST	10	13	9	4	6	3	0	2	2	10	15	10	7
12-14 LST	8	10	8	7	5	2	1	3	2	8	10	10	6
15-17 LST	6	6	5	4	4	1	#	4	2	6	5	5	4
18-20 LST	5	7	3	4	5	1	#	1	2	7	7	8	4
21-23 LST	5	9	9	5	4	1	#	1	3	7	8	7	5
ALL HOURS	7	8	7	5	5	2	1	2	3	7	8	8	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	6	2	0	0	0	0	0	0	0	0	2	1
03-05 LST	7	6	2	#	0	0	0	0	0	0	0	2	1
06-08 LST	8	7	3	#	0	0	0	0	0	0	0	3	2
09-11 LST	10	4	3	0	0	0	0	0	0	0	0	3	2
12-14 LST	7	6	2	0	0	0	0	0	0	0	0	2	1
15-17 LST	6	6	2	0	0	0	0	0	0	1	#	#	1
18-20 LST	7	2	2	0	0	0	0	#	0	0	#	2	1
21-23 LST	8	7	1	0	#	0	0	#	0	0	#	1	2
ALL HOURS	8	6	2	#	#	0	0	#	0	#	#	2	1

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	13	9	6	5	9	13	14	9	8	7	13	10
03-05 LST	9	13	8	7	4	8	16	9	8	7	9	13	9
06-08 LST	12	11	11	9	9	10	13	8	3	6	10	11	9
09-11 LST	10	11	11	12	15	16	23	14	14	12	11	14	13
12-14 LST	18	20	16	20	15	21	27	15	15	10	16	15	17
15-17 LST	13	18	16	14	11	17	18	15	13	12	18	17	15
18-20 LST	8	12	8	12	11	10	17	12	8	11	13	13	11
21-23 LST	9	12	14	9	7	5	13	7	11	9	11	11	10
ALL HOURS	11	14	12	11	10	12	17	12	10	9	12	13	12

(BINA STARAYA, AZERBAIJAN)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, 1 JAN73-31 DEC 90, THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	15	19	15	5	1	2	5	5	5	7	9	8
03-05 LST	11	16	20	20	11	4	5	7	7	9	8	8	11
06-08 LST	17	21	23	17	10	2	3	3	12	15	10	8	12
09-11 LST	15	17	13	8	4	0	1	1	1	1	5	13	7
12-14 LST	9	11	11	4	2	#	1	1	1	1	6	3	4
15-17 LST	8	8	4	2	1	1	#	0	2	2	2	5	3
18-20 LST	9	12	10	9	2	1	#	1	1	1	4	6	5
21-23 LST	11	14	11	13	5	2	1	1	3	1	5	9	6
ALL HOURS	12	14	14	11	5	1	2	2	4	4	6	8	7

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	10	16	13	3	1	2	5	4	4	6	5	6
03-05 LST	9	13	16	15	8	2	5	6	7	8	6	6	8
06-08 LST	12	15	20	16	8	1	3	3	10	14	9	6	10
09-11 LST	13	11	9	3	3	0	1	1	1	#	5	9	5
12-14 LST	6	7	4	1	1	#	1	1	1	1	3	2	2
15-17 LST	5	5	2	#	1	1	#	0	1	#	1	3	2
18-20 LST	7	8	7	5	1	1	#	1	1	1	2	3	3
21-23 LST	6	8	9	9	4	2	1	1	2	1	3	6	4
ALL HOURS	8	10	10	8	3	1	2	2	3	4	5	5	5

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	7	10	10	2	1	2	5	3	3	4	3	5
03-05 LST	5	7	11	11	5	2	4	5	6	5	5	4	6
06-08 LST	10	10	14	12	5	1	1	2	8	8	7	4	7
09-11 LST	7	6	3	#	3	0	1	#	1	0	3	4	2
12-14 LST	2	4	2	1	1	0	1	1	#	1	2	1	1
15-17 LST	3	1	#	0	1	1	#	0	1	#	0	1	1
18-20 LST	4	5	4	2	1	#	#	1	1	1	2	1	2
21-23 LST	4	4	4	7	2	1	1	1	2	1	1	4	3
ALL HOURS	5	6	6	5	2	1	1	2	3	2	3	3	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	5	5	#	#	1	3	2	2	2	2	2
03-05 LST	3	3	6	5	3	1	2	2	4	4	3	2	3
06-08 LST	3	5	9	6	3	#	1	1	6	4	2	1	3
09-11 LST	3	3	1	#	2	0	1	0	1	0	2	1	1
12-14 LST	1	2	1	1	1	0	1	#	#	0	1	0	1
15-17 LST	2	#	0	0	0	1	#	0	1	#	0	1	#
18-20 LST	2	2	2	1	#	0	#	1	1	#	1	#	1
21-23 LST	2	2	#	1	0	1	1	0	#	#	0	1	1
ALL HOURS	2	3	3	2	1	#	1	1	2	1	1	1	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DZUL'FA, USSR
 LOCATION: 38°57'N, 45°38'W
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 379470
 ELEVATION (FEET): 2336
 PERIOD: 7301-8512

ICAO ID: N/A
 LST - GMT +4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1	33	38	52	64	71	81	87	86	80	65	50	39	63
MEAN 1	31	35	47	59	67	76	83	82	75	59	46	35	59
MEAN DLY MIN 1	27	31	41	53	62	71	78	77	68	54	42	33	54
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS < 32	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS < 0	*	*	*	*	*	*	*	*	*	*	*	*	*
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (07 LST) 1	82	76	75	76	70	59	47	48	62	71	83	81	67
RH (13 LST) 1	65	59	45	43	39	34	31	33	36	43	52	65	44
VAPOR PRESS 1	.13	.14	.18	.27	.34	.39	.43	.42	.38	.27	.21	.15	.28
DEWPOINT 1	22	23	29	41	47	51	54	53	50	40	34	27	40
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	\$NW	\$NW	\$E	\$E	\$E	E	E	E	\$E	\$E	\$E	\$NW	\$E
MEAN SPEED (PVLG DRCTN) 1	9	10	11	10	11	13	13	15	11	11	9	8	13
MEAN SPEED (ALL OBS) 1	4	4	4	4	5	7	11	12	6	3	2	2	6
MAX (PK GST) 1	2340	2360	2420	2500	2620	2620	2660	2700	2540	2440	2360	2320	2700
PRESSURE ALT													
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	4	4	4	4	2	1	1	1	2	3	4	3
DAYS TSMS 1	0	0	#	2	5	3	1	1	0	0	0	#	14
DAYS FOG < 7 1	2	2	1	#	#	#	#	#	0	#	#	2	9
DAYS BNBD < 7 1	0	#	#	0	#	#	0	0	#	0	0	0	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ - % CALM > PVLG DRCTN
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV PORJAN 73 - DEC 85
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	25	25	12	6	8	2	2	1	6	15	24	11	
12-14 LST	19	15	17	13	8	1	1	1	0	5	5	15	8
15-17 LST	9	14	12	10	11	7	1	3	2	7	6	18	8
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	21	13	8	1	3	1	0	1	1	1	9	18	6
12-14 LST	18	10	7	3	1	1	1	1	0	0	3	9	5
15-17 LST	6	8	6	2	1	4	1	1	1	1	0	12	4
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	17	3	4	0	3	1	0	1	1	0	6	12	4
12-14 LST	6	3	1	0	1	1	1	0	0	0	0	4	1
15-17 LST	1	3	2	0	0	1	1	1	1	1	0	4	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	4	0	0	0	2	1	0	0	1	0	1	2	1
12-14 LST	0	0	0	0	1	0	0	0	0	0	0	3	#
15-17 LST	0	0	2	0	0	1	0	0	0	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DZUL'FA, USSR
 LOCATION: 38°57'N, 45°38'E
 PREPARED BY: USAFETAC/ECR, DEC 1986

STATION #: 379470
 ELEVATION (FEET): 2336
 PERIOD: 7301-8512

ICAO ID: N/A
 LST - GMT +4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	1	0	0	0	0	1	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	3	9	6	1	1	1	0	0	0	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	2	0	3	4	4	1	1	1	1	2	4	4	2
12-14 LST	1	1	2	7	1	1	1	0	2	2	1	0	2
15-17 LST	1	2	6	7	9	10	1	1	1	1	0	3	4
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	7	9	2	0	0	0	0	0	0	0	1	5	2
12-14 LST	3	4	1	0	0	0	0	0	0	0	0	1	1
15-17 LST	2	6	2	0	0	0	0	0	0	0	0	2	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	1	2	0	0	0	3	0	3	0	0	0	1
12-14 LST	0	0	1	0	2	0	2	4	2	0	0	3	1
15-17 LST	0	1	2	1	1	5	6	13	6	1	0	0	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	16	3	4	0	3	1	0	1	1	0	6	12	4
12-14 LST	6	3	1	0	1	1	1	0	0	0	0	4	1
15-17 LST	1	3	2	0	0	1	1	1	1	1	0	4	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	16	3	3	0	3	1	0	1	1	0	6	11	4
12-14 LST	6	3	1	0	1	1	1	0	0	0	0	4	1
15-17 LST	1	3	2	0	0	1	1	1	1	1	0	3	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	4	1	1	0	2	1	0	0	1	0	2	4	1
12-14 LST	0	1	1	0	1	0	1	0	0	0	0	3	1
15-17 LST	0	1	2	0	0	1	0	0	0	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	4	0	0	0	2	1	0	0	1	0	1	1	1
12-14 LST	0	0	0	0	1	0	0	0	0	0	0	1	#
15-17 LST	0	0	2	0	0	1	0	0	0	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YEREVAN, ARMENIA
LOCATION: 4008N 4429E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 377890
ELEVATION (FEET): 2920
PERIOD: 7301-8912

ICAO: UGEE
LST = GMT + 4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	64	64	76	84	94	98	104	106	100	90	73	106
MEAN DAILY MAX	1	33	38	51	64	73	82	90	89	81	66	51	63
MEAN	1	26	31	42	55	63	71	79	77	69	55	43	54
MEAN DAILY MIN	1	19	24	33	45	52	59	66	65	56	45	35	44
EXTREME MIN	1	-12	-2	0	28	30	42	52	47	35	25	15	-12
# DAYS GE 90	1	0	0	0	0	1	4	17	14	3	#	0	39
# DAYS LE 32	1	29	24	12	1	#	#	#	0	0	1	11	103
# DAYS LE 0	1	1	#	#	0	0	0	0	0	0	#	0	1
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	.9	1.0	1.1	1.9	2.1	.9	.6	.3	.5	.9	1.2	12.5
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	.8	.8	.9	1.1	1.7	.9	.9	.7	1.5	1.4	.9	1.7
# DAYS GE 0.004	1	11	10	10	11	11	7	4	3	3	8	8	94
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL		8	7	2	#	0	0	0	0	0	#	2	24
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (7 LST)	1	86	85	79	74	73	70	65	66	71	81	85	77
RH (16 LST)	1	64	60	47	40	40	31	29	30	31	42	54	44
VAPOR PRESS	1	.12	.13	.17	.24	.31	.37	.44	.43	.35	.27	.20	.27
DEWPOINT	1	19	23	29	38	45	50	54	54	48	41	34	38
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$S	\$S	\$S	\$S	\$S	\$S	\$NNE	\$NNE	\$S	\$S	\$S	\$S
MEAN SPEED													
(PVLG DRCTN)	1	5	6	6	7	6	6	12	12	5	5	5	7
MEAN SPEED													
(ALL OBS)	1	1	2	3	4	4	4	5	5	3	2	2	3
MAX PEAK GUST	1	*	*	*	*	*	39	*	49	*	35	*	49
PRESSURE ALT	1	4070	4820	4550	3720	4820	3770	4820	4610	4820	4820	3300	4820
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	5	5	2	2	2	3	4	4
DAYS TSTMS	1	#	#	1	6	14	14	7	5	4	3	#	56
DAYS FOG LT 7	1	26	23	14	3	2	1	#	1	1	8	21	126
DAYS BNBD LT 7	1	#	0	#	0	0	#	#	#	#	#	#	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(YEREVAN, ARMENIA)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
C - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 89, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAY 61, 24 YEARS OF RECORD

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	74	58	21	10	3	3	1	2	1	6	40	65	24
03-05 LST	74	59	23	10	3	1	1	1	1	5	38	67	24
06-08 LST	77	67	27	14	7	5	2	2	3	10	41	69	27
09-11 LST	89	85	58	23	10	9	4	7	16	44	73	84	42
12-14 LST	85	76	33	7	5	2	1	1	2	16	59	79	31
15-17 LST	78	66	24	7	3	1	#	#	2	8	39	68	25
18-20 LST	75	60	21	8	3	1	2	1	2	7	41	63	24
21-23 LST	73	55	20	9	4	3	2	1	1	6	40	63	23
ALL HOURS	78	66	29	11	5	3	2	2	4	13	47	70	27

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	70	52	15	2	1	2	1	1	#	4	37	62	21
03-05 LST	72	53	16	3	1	#	1	1	#	4	35	64	21
06-08 LST	75	62	21	9	6	4	2	2	3	7	38	66	25
09-11 LST	88	83	55	21	9	8	4	6	16	42	72	83	41
12-14 LST	84	75	30	5	3	1	1	1	2	15	58	78	29
15-17 LST	77	64	20	4	1	1	#	#	1	7	38	67	23
18-20 LST	73	58	16	3	1	1	2	1	2	6	38	61	22
21-23 LST	71	50	15	3	1	1	2	1	1	4	36	60	20
ALL HOURS	76	62	24	6	3	2	2	2	3	11	44	68	25

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	38	23	6	1	#	1	1	1	#	1	9	27	9
03-05 LST	41	26	6	1	1	#	1	1	0	2	7	28	9
06-08 LST	47	29	10	2	2	1	1	1	1	3	12	35	12
09-11 LST	71	55	18	1	1	1	0	0	1	8	43	61	22
12-14 LST	56	38	10	1	#	1	1	#	#	2	18	42	14
15-17 LST	40	26	6	1	#	#	0	#	1	1	10	27	9
18-20 LST	40	24	6	1	#	1	1	1	1	1	9	26	9
21-23 LST	36	22	5	1	#	#	1	0	#	1	8	23	8
ALL HOURS	46	30	8	1	1	1	1	#	1	2	15	34	12

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	7	1	#	#	1	#	#	#	#	1	4	2
03-05 LST	6	7	1	1	#	#	#	#	0	#	2	4	2
06-08 LST	13	9	2	0	1	1	#	#	#	2	4	7	3
09-11 LST	26	16	2	#	#	1	0	0	#	1	7	14	6
12-14 LST	9	8	1	#	0	#	#	0	#	0	2	6	2
15-17 LST	3	2	2	1	#	#	0	#	#	#	1	2	1
18-20 LST	2	4	1	#	#	1	1	1	1	1	1	2	1
21-23 LST	6	5	1	0	0	#	1	0	#	#	1	3	2
ALL HOURS	9	7	1	#	#	#	#	#	#	0	2	5	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YEREVAN, ARMENIA
 LOCATION: 4008N 4429E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 377890
 ELEVATION (FEET): 2920
 PERIOD: 7301-8912

ICAO: UGEE
 LST = GMT + 4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	1	3	5	3	3	2	1	0	0	2
03-05 LST	#	0	#	#	1	2	1	1	1	#	0	0	#
06-08 LST	0	#	0	1	1	1	1	#	#	#	0	#	#
09-11 LST	#	0	0	#	#	#	#	#	0	#	0	0	#
12-14 LST	0	0	#	#	2	1	#	#	#	#	0	0	#
15-17 LST	0	0	#	4	6	5	1	1	#	1	0	0	1
18-20 LST	0	#	1	6	12	10	4	2	2	1	0	#	3
21-23 LST	#	0	1	4	12	13	5	6	3	2	0	0	4
ALL HOURS	#	#	#	2	4	5	2	1	1	1	0	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	5	6	6	4	2	1	2	4	4	1	3
03-05 LST	#	1	6	7	3	3	2	1	1	6	4	3	3
06-08 LST	1	3	8	7	5	3	1	1	1	7	6	3	4
09-11 LST	1	1	6	6	5	1	1	1	1	6	6	3	3
12-14 LST	1	1	4	5	5	2	#	#	1	5	4	3	3
15-17 LST	1	2	4	6	7	3	0	#	1	4	5	3	3
18-20 LST	1	2	3	9	9	5	3	1	2	6	5	3	4
21-23 LST	2	2	6	9	10	7	3	3	3	6	5	2	5
ALL HOURS	1	2	5	7	6	4	2	1	1	5	5	3	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	6	1	#	0	0	0	0	0	#	1	4	2
03-05 LST	9	7	1	#	0	0	0	0	0	#	1	4	2
06-08 LST	12	10	3	0	0	0	0	0	0	#	2	5	3
09-11 LST	14	12	4	#	0	0	0	#	0	1	2	4	3
12-14 LST	11	12	2	#	0	0	0	0	0	0	2	6	3
15-17 LST	7	7	2	#	0	0	0	0	0	0	1	4	2
18-20 LST	7	7	1	0	0	0	0	0	0	0	1	3	2
21-23 LST	8	9	1	#	0	0	0	0	0	0	2	4	2
ALL HOURS	10	9	2	#	0	0	0	#	0	#	2	4	2

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	1	#	1	2	1	#	0	0	0	0
03-05 LST	1	0	#	#	#	0	0	#	#	0	#	#	#
06-08 LST	#	#	0	#	0	0	#	0	#	#	0	#	#
09-11 LST	1	#	#	#	#	0	0	0	0	#	#	0	#
12-14 LST	#	#	#	1	#	#	#	#	#	#	#	1	#
15-17 LST	#	#	1	2	1	1	#	#	#	1	#	0	1
18-20 LST	#	#	1	2	1	2	2	3	2	0	#	0	1
21-23 LST	#	1	0	#	1	4	7	5	1	#	0	0	2
ALL HOURS	#	#	#	1	1	1	1	1	1	#	#	#	1

(YEREVAN, ARMENIA)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 89, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAY 61, 24 YEARS OF RECORD

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	37	23	6	1	#	1	1	1	#	1	9	27	9
03-05 LST	40	26	6	1	1	#	1	1	0	2	7	28	9
06-08 LST	47	29	10	2	2	1	1	1	1	3	12	35	12
09-11 LST	71	55	18	1	1	1	0	0	1	8	42	61	22
12-14 LST	55	38	10	1	#	1	1	#	#	2	18	42	14
15-17 LST	40	26	6	1	#	#	0	#	1	1	10	27	9
18-20 LST	40	24	6	1	#	1	1	1	1	1	9	26	9
21-23 LST	36	21	5	1	#	#	1	0	#	1	8	23	8
ALL HOURS	46	30	8	1	1	1	1	#	1	2	14	34	12

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	37	23	6	1	#	1	1	1	#	1	9	27	9
03-05 LST	40	26	6	1	1	#	1	1	0	2	7	28	9
06-08 LST	47	29	10	2	2	1	1	#	1	3	12	35	12
09-11 LST	71	55	18	1	1	1	0	0	1	8	41	61	21
12-14 LST	55	38	10	1	#	1	1	#	#	2	18	42	14
15-17 LST	40	25	6	1	#	#	0	#	1	1	9	26	9
18-20 LST	40	24	5	#	#	1	1	1	1	1	9	26	9
21-23 LST	35	21	5	#	#	#	1	0	#	1	8	23	8
ALL HOURS	46	30	8	1	0	1	1	#	1	2	14	33	12

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	11	2	1	#	1	1	1	#	1	3	8	4
03-05 LST	20	14	2	1	#	#	#	#	0	#	4	10	4
06-08 LST	28	16	6	#	1	1	#	#	1	2	7	15	6
09-11 LST	45	27	8	1	#	1	0	0	#	2	21	33	11
12-14 LST	28	19	3	#	0	#	#	0	#	#	4	15	6
15-17 LST	13	9	2	1	#	#	0	#	1	#	2	7	3
18-20 LST	12	10	2	#	#	1	1	1	1	1	2	5	3
21-23 LST	14	10	1	0	0	#	1	0	#	#	3	7	3
ALL HOURS	22	14	3	1	#	#	#	#	#	1	6	13	5

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	#	#	#	1	#	#	#	#	1	3	1
03-05 LST	5	5	1	1	#	#	#	#	0	#	2	4	1
06-08 LST	10	7	2	0	1	1	#	#	#	1	4	5	3
09-11 LST	16	12	1	#	#	#	0	0	#	1	4	8	3
12-14 LST	6	5	1	#	0	#	#	0	0	0	1	3	1
15-17 LST	2	1	#	1	#	0	0	0	#	#	1	#	#
18-20 LST	2	2	1	#	#	1	#	0	1	#	1	1	1
21-23 LST	4	2	1	0	0	#	1	0	0	#	1	3	1
ALL HOURS	6	5	1	#	#	#	#	#	#	#	2	3	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MINSK, BELARUS
 LOCATION: 5352N 2733E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 268500
 ELEVATION (FEET): 768
 PERIOD: 7301-9012

ICAO: UMMS
 LST = GMT + 3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	46	55	66	74	84	86	88	86	81	72	54	88
MEAN DAILY MAX	1	25	26	37	50	63	67	69	69	59	48	36	48
MEAN	1	22	21	31	43	55	60	62	62	53	43	34	43
MEAN DAILY MIN	1	17	16	25	35	46	51	54	53	45	37	30	36
EXTREME MIN	1	-16	-18	-3	22	28	36	40	34	28	14	4	-21
# DAYS GE 90	1	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 32	1	28	26	24	11	1	0	0	0	1	8	17	144
# DAYS LE 0	1	4	3	#	0	0	0	0	0	0	0	1	9
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.5	1.5	1.5	1.7	2.3	3.0	3.3	3.2	2.2	1.7	1.9	25.4
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	0.8	0.9	0.7	1.3	2.4	2.4	2.2	2.4	1.6	1.2	1.7	2.4
# DAYS GE 0.004	1	19	14	17	14	14	15	17	13	16	18	23	217
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	19	14	11	3	#	0	0	0	0	2	10	78
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (06 LST)	1	86	87	86	85	83	85	89	89	90	89	89	87
RH (15 LST)	1	81	74	66	53	49	54	59	55	63	70	81	66
VAPOR PRESS	1	.11	.11	.14	.20	.29	.37	.42	.41	.32	.24	.18	.24
DEWPOINT	1	18	17	25	33	42	49	53	52	45	38	30	35
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCIN	1	S	E	S	W	E	W	W	W	W	W	S	W
MEAN SPEED													
(PVLG DRCIN)	1	7	7	6	6	6	5	5	5	5	5	7	6
MEAN SPEED													
(ALL OBS)	1	7	6	6	6	6	5	5	4	5	6	7	6
MAX PEAK GUST	1	37	35	37	25	23	21	21	0	23	29	19	37
PRESSURE ALT	1	1870	1850	1730	1680	1410	1430	1370	1480	1380	1380	1820	2000
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	6	5	5	5	5	5	5	5	6	7	6
DAYS TSTMS	1	#	#	#	1	5	6	8	5	1	#	#	28
DAYS FOG LT 7	1	22	21	22	17	14	12	16	18	19	23	24	230
DAYS BNBD LT 7	1	#	#	#	0	0	#	#	#	0	#	#	1
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

(MINSK, BELARUS)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCIN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, VARIED YEARS OF RECORD.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	79	65	57	42	26	29	33	29	49	63	76	84	53
03-05 LST	78	71	56	41	28	31	38	36	54	66	80	86	56
06-08 LST	79	75	64	50	33	36	46	45	63	70	82	87	61
09-11 LST	85	74	71	47	32	37	43	37	64	75	85	89	62
12-14 LST	81	69	62	47	43	53	60	44	58	65	83	84	62
15-17 LST	73	58	52	55	50	58	65	48	54	60	77	82	61
18-20 LST	74	57	46	40	36	42	45	34	41	52	78	82	52
21-23 LST	75	61	52	36	28	30	36	25	45	59	78	85	51
ALL HOURS	78	66	57	45	34	40	46	37	54	64	80	85	57

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	70	56	48	28	14	17	20	19	36	49	64	75	41
03-05 LST	67	61	50	32	18	22	27	24	43	52	67	76	45
06-08 LST	69	65	56	39	25	27	35	33	53	59	70	77	51
09-11 LST	76	68	65	40	22	23	32	32	53	67	74	81	53
12-14 LST	73	62	50	24	13	13	16	14	31	49	71	76	41
15-17 LST	64	49	38	18	11	10	14	8	21	38	57	71	33
18-20 LST	66	48	31	16	10	8	12	9	19	37	61	73	32
21-23 LST	64	52	42	23	9	12	15	13	32	44	62	74	37
ALL HOURS	68	58	48	27	15	17	21	19	36	49	66	75	42

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	48	41	31	15	7	7	10	8	22	32	45	58	27
03-05 LST	53	43	35	19	9	13	14	13	27	35	51	61	31
06-08 LST	55	49	40	26	16	17	22	20	38	42	54	64	27
09-11 LST	60	54	51	26	14	13	18	18	39	49	59	65	39
12-14 LST	53	46	35	12	6	6	6	5	14	32	54	61	28
15-17 LST	43	35	24	7	4	4	5	3	10	21	40	52	21
18-20 LST	48	30	21	9	4	4	5	4	10	19	43	53	21
21-23 LST	45	36	30	11	5	4	7	6	16	26	45	58	24
ALL HOURS	51	42	33	16	8	9	11	10	22	32	49	59	28

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	7	4	1	#	0	#	#	1	5	9	9	3
03-05 LST	4	8	7	3	1	1	1	1	3	6	9	8	4
06-08 LST	5	6	8	5	4	2	3	3	6	9	10	9	6
09-11 LST	7	8	13	4	#	#	1	2	5	10	12	11	6
12-14 LST	6	6	7	2	0	#	0	0	#	6	10	11	4
15-17 LST	5	4	4	0	0	0	#	0	1	2	7	9	3
18-20 LST	5	3	4	0	#	0	#	0	1	3	7	9	3
21-23 LST	4	6	4	1	#	#	#	0	#	3	9	9	3
ALL HOURS	5	6	6	2	1	1	1	1	2	5	9	9	4

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MINSK, BELARUS
 LOCATION: 5352N 2733E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 268500
 ELEVATION (FEET): 768
 PERIOD: 7301-9012

ICAO: UMMS
 LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	1	2	2	1	#	0	0	0	0
03-05 LST	0	#	#	0	#	0	1	1	0	0	0	0	#
06-08 LST	#	#	#	0	#	0	1	#	0	0	#	0	#
09-11 LST	0	0	0	0	1	1	0	#	0	0	0	0	#
12-14 LST	0	0	0	0	#	#	#	1	#	#	0	0	#
15-17 LST	0	0	0	#	3	3	4	1	#	0	0	#	1
18-20 LST	0	0	0	0	2	3	3	3	#	0	0	0	1
21-23 LST	0	0	0	#	2	2	3	1	1	0	0	0	1
ALL HOURS	#	#	#	#	1	1	2	1	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	7	8	12	9	11	11	6	11	15	17	13	11
03-05 LST	7	7	9	8	8	9	7	6	13	14	17	14	10
06-08 LST	6	6	9	9	7	8	10	7	12	15	15	13	10
09-11 LST	9	7	9	15	8	13	11	8	13	17	16	13	12
12-14 LST	6	7	9	13	10	11	12	6	13	16	16	12	11
15-17 LST	7	6	9	13	12	12	17	10	12	14	19	12	12
18-20 LST	7	7	7	12	9	12	13	12	13	16	19	14	12
21-23 LST	8	6	9	11	7	12	9	9	12	15	19	13	11
ALL HOURS	7	7	9	12	9	11	11	8	12	15	17	13	11

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	20	12	3	0	0	0	0	0	1	10	29	8
03-05 LST	28	22	12	2	#	0	0	0	0	1	11	27	9
06-08 LST	28	22	12	3	#	0	0	0	0	2	12	29	9
09-11 LST	31	30	21	5	1	0	0	0	0	2	13	28	11
12-14 LST	40	33	18	4	#	0	0	0	0	2	18	35	13
15-17 LST	32	25	14	4	1	0	0	0	0	3	12	29	10
18-20 LST	24	23	13	4	1	0	0	0	0	2	12	22	8
21-23 LST	24	18	11	2	#	0	0	0	0	2	12	24	8
ALL HOURS	29	24	14	4	#	0	0	0	0	2	13	28	9

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	#	0	0	0	0	0	0	0	0	0	#
03-05 LST	1	#	1	0	0	#	#	#	#	#	0	0	#
06-08 LST	#	#	1	0	0	0	0	0	#	0	#	#	#
09-11 LST	1	#	1	0	#	0	#	#	0	0	0	0	#
12-14 LST	1	1	2	0	0	0	#	0	0	#	0	0	#
15-17 LST	1	1	2	#	0	0	#	#	0	#	0	0	#
18-20 LST	1	1	2	#	0	0	0	0	0	0	0	0	#
21-23 LST	#	#	1	#	#	#	0	0	0	0	0	0	#
ALL HOURS	1	1	1	#	#	#	#	#	#	#	#	#	#

(MINSK, BELARUS)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	43	37	29	12	6	6	9	7	21	28	40	53	24
03-05 LST	48	38	33	17	8	12	12	12	24	32	46	56	28
06-08 LST	49	45	37	23	15	14	20	18	34	38	49	57	33
09-11 LST	56	52	47	23	11	10	14	14	33	43	54	58	35
12-14 LST	49	44	32	10	4	4	4	3	12	28	48	54	24
15-17 LST	40	31	21	5	3	3	4	2	8	17	35	47	18
18-20 LST	44	28	19	8	4	2	3	3	9	17	39	47	19
21-23 LST	41	32	28	10	4	2	6	5	14	23	40	52	22
ALL HOURS	46	38	31	14	7	7	9	8	19	28	44	53	25

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	26	21	17	6	2	3	3	3	10	16	25	33	14
03-05 LST	25	26	18	8	4	4	4	6	13	18	27	34	16
06-08 LST	28	26	22	14	10	6	9	10	18	23	29	35	19
09-11 LST	30	29	30	13	5	3	3	5	18	27	37	37	20
12-14 LST	31	28	20	6	1	1	1	1	5	17	29	35	15
15-17 LST	24	17	13	2	1	1	1	#	3	10	22	29	10
18-20 LST	24	19	13	3	1	1	1	1	3	10	26	29	11
21-23 LST	24	18	17	4	1	1	1	1	8	11	25	31	12
ALL HOURS	27	23	19	7	3	3	3	3	10	16	27	33	14

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	13	10	3	1	1	2	1	4	9	16	18	7
03-05 LST	12	15	12	5	2	2	2	3	6	10	16	17	9
06-08 LST	15	12	14	9	6	3	5	6	9	14	17	18	11
09-11 LST	14	19	20	8	2	1	1	3	10	17	19	20	11
12-14 LST	18	14	13	3	#	#	#	#	1	10	18	21	8
15-17 LST	11	9	8	#	0	0	#	#	2	4	12	18	5
18-20 LST	13	10	9	2	1	1	1	#	2	5	15	18	6
21-23 LST	13	10	9	3	1	#	#	#	3	7	17	20	7
ALL HOURS	13	13	12	4	2	1	2	2	5	9	16	19	8

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	2	0	#	0	#	0	#	3	5	4	2
03-05 LST	2	3	5	2	#	1	1	1	1	3	6	4	2
06-08 LST	3	2	4	2	2	1	2	2	4	5	6	4	3
09-11 LST	3	3	8	2	#	#	#	1	3	7	7	3	3
12-14 LST	3	2	3	1	0	#	0	0	#	3	6	4	2
15-17 LST	2	2	2	0	0	0	#	0	0	1	2	4	1
18-20 LST	1	1	2	0	#	0	#	0	#	1	4	5	1
21-23 LST	1	3	3	1	#	0	#	0	0	1	5	3	1
ALL HOURS	2	3	4	1	#	#	1	#	1	3	5	4	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TALLIN, ESTONIA
LOCATION: 5925N 2449E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 260380
ELEVATION (FEET): 144
PERIOD: 7301-8612

ICAO: ULTT
LST = GMT + 3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	47	50	54	74	83	83	89	90	80	72	58	50	90
MEAN DAILY MAX	1	26	25	33	43	57	64	67	65	56	47	38	30	46
MEAN	1	23	21	29	38	50	58	61	60	51	43	35	27	41
MEAN DAILY MIN	1	19	15	23	32	42	49	53	53	45	38	31	22	35
EXTREME MIN	1	-18	-21	-12	18	25	30	42	36	14	14	1	-21	-21
# DAYS GE 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 32	1	29	28	27	18	3	#	0	0	1	6	17	26	155
# DAYS LE 0	1	2	4	1	0	0	0	0	0	#	0	0	1	8
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.3	1.1	1.1	1.2	1.8	1.9	2.3	2.8	2.4	2.5	2.0	1.5	22
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	1.1	1.0	.7	.6	1.3	1.1	1.2	2.2	1.3	.9	1.0	.6	2.2
# DAYS GE 0.004	1	24	17	17	14	11	12	14	14	17	17	22	25	204
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	20	14	11	6	1	0	0	#	#	1	9	18	82
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (6 LST)	1	87	85	87	86	83	86	91	92	91	88	89	87	88
RH (15 LST)	1	84	78	71	63	55	58	64	65	71	75	85	86	71
VAPOR PRESS	1	.12	.10	.14	.18	.25	.34	.42	.42	.32	.24	.19	.14	.24
DEWPOINT	1	20	16	23	30	39	47	53	53	45	38	31	23	35
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	S	S	S	W	NE	W	W	W	S	S	S	S	S
MEAN SPEED														
(PVLG DRCTN)	1	10	8	8	9	9	11	8	9	7	8	8	9	9
MEAN SPEED														
(ALL OBS)	1	9	8	8	8	8	7	6	7	8	8	9	9	8
MAX PEAK GUST	1	47	37	43	47	35	23	39	*	*	*	*	27	47
PRESSURE ALT	1	1500	1350	1200	1320	950	800	950	1050	1270	1250	1380	1950	1950
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	7	6	5	5	4	5	5	5	6	6	7	7	6
DAYS TSTMS	1	#	0	0	0	2	3	4	4	2	1	0	0	17
DAYS FOG LT 7	1	12	13	16	13	10	9	13	12	10	12	13	11	143
DAYS BNBD LT 7	1	0	0	0	#	#	#	#	#	0	#	0	#	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

(TALLIN, ESTONIA)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5X, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 86, THREE HOURLY
2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	75	60	51	36	25	26	33	31	37	53	73	73	48
03-05 LST	76	61	52	40	25	32	40	37	39	52	73	74	50
06-08 LST	74	59	54	50	37	34	49	51	52	56	76	78	56
09-11 LST	77	71	65	55	30	28	44	43	55	65	76	76	57
12-14 LST	79	62	53	48	27	30	40	36	52	62	76	74	53
15-17 LST	77	50	50	41	28	28	36	34	49	57	74	71	49
18-20 LST	78	51	46	38	25	24	32	31	42	55	72	73	47
21-23 LST	75	58	49	38	20	20	23	25	41	51	72	75	46
ALL HOURS	76	59	52	43	27	28	37	36	46	56	74	74	51

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	61	48	41	29	19	18	23	23	23	32	52	54	35
03-05 LST	62	49	43	34	21	26	31	30	27	34	51	56	39
06-08 LST	61	51	48	42	32	30	42	45	35	38	56	60	45
09-11 LST	63	63	57	49	26	21	33	36	40	48	56	57	46
12-14 LST	70	57	46	38	17	18	20	18	29	45	56	62	40
15-17 LST	65	44	40	26	17	12	14	17	23	32	55	57	34
18-20 LST	58	45	37	28	16	10	15	15	22	35	53	56	33
21-23 LST	63	47	40	30	16	12	13	16	26	32	54	58	34
ALL HOURS	64	51	44	35	21	18	24	25	28	37	54	58	38

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	38	31	26	16	9	8	10	8	12	16	31	36	20
03-05 LST	40	32	29	18	12	11	13	13	13	19	34	36	22
06-08 LST	41	30	33	26	16	14	20	24	21	23	36	36	27
09-11 LST	43	38	36	28	16	9	14	17	23	29	37	34	27
12-14 LST	50	34	29	21	7	7	5	7	12	23	33	40	22
15-17 LST	36	25	21	14	6	3	3	4	8	15	31	37	17
18-20 LST	39	27	21	14	6	2	3	4	7	16	33	36	17
21-23 LST	37	29	24	16	7	4	4	4	10	17	34	38	19
ALL HOURS	41	31	27	19	10	7	9	10	13	20	34	37	21

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	4	3	3	1	2	2	2	2	4	6	3
03-05 LST	5	7	4	5	4	3	3	3	3	4	4	5	4
06-08 LST	3	5	7	8	6	2	7	7	5	4	4	5	5
09-11 LST	2	5	8	8	4	1	1	2	4	4	6	2	4
12-14 LST	3	3	4	3	1	0	0	#	1	2	4	6	2
15-17 LST	3	2	2	1	#	#	0	#	0	1	3	5	1
18-20 LST	4	3	3	2	1	0	0	1	0	2	2	5	2
21-23 LST	2	5	4	3	1	#	#	0	1	2	2	5	2
ALL HOURS	3	4	5	4	3	1	2	2	2	3	4	5	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TALLIN, ESTONIA
LOCATION: 5925N 2449E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 260380
ELEVATION (FEET): 144
PERIOD: 7301-8612

ICAO: ULTT
LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	#	0	1	0	0	0	0	#
03-05 LST	0	0	0	0	#	#	1	#	#	#	0	0	#
06-08 LST	#	0	#	0	#	1	1	#	1	#	0	0	#
09-11 LST	0	0	0	0	0	#	#	1	#	0	#	0	#
12-14 LST	#	0	0	0	0	0	1	#	#	0	0	0	#
15-17 LST	0	0	0	0	1	2	2	2	#	#	0	0	1
18-20 LST	0	0	0	0	1	1	3	1	#	0	0	0	1
21-23 LST	0	0	0	0	#	1	1	1	#	0	0	0	#
ALL HOURS	#	0	0	0	#	1	1	1	#	#	0	0	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	5	7	8	7	11	7	9	12	12	15	10	9
03-05 LST	6	4	4	9	5	8	8	10	12	14	15	11	9
06-08 LST	5	3	6	8	7	10	8	8	14	13	16	10	9
09-11 LST	7	3	5	9	7	9	10	8	17	17	15	11	10
12-14 LST	6	3	3	7	7	8	8	7	14	18	17	8	9
15-17 LST	5	3	3	8	9	8	11	12	14	15	18	9	10
18-20 LST	4	4	6	8	8	10	13	11	12	16	18	10	10
21-23 LST	5	3	6	10	8	8	11	7	14	15	17	9	9
ALL HOURS	6	3	5	8	7	9	10	9	13	15	16	10	9

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	17	13	6	1	0	0	0	0	2	12	26	9
03-05 LST	26	21	13	6	#	0	0	#	#	2	11	26	9
06-08 LST	26	20	14	7	1	0	0	0	1	1	12	26	9
09-11 LST	30	21	15	8	1	0	#	0	#	1	10	25	9
12-14 LST	36	25	14	8	1	0	0	0	#	2	13	30	11
15-17 LST	33	20	13	6	0	0	0	0	0	1	12	28	9
18-20 LST	30	20	13	4	#	0	0	0	0	2	11	25	9
21-23 LST	29	21	13	6	#	0	0	0	0	1	11	27	9
ALL HOURS	30	21	13	6	1	0	#	#	#	1	12	27	9

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	1	#	0	0	#	0	0	#	1	1
03-05 LST	2	2	#	#	0	0	0	0	#	#	#	1	#
06-08 LST	1	1	#	#	#	#	0	0	1	#	1	1	1
09-11 LST	3	2	1	#	#	#	0	0	1	0	1	1	1
12-14 LST	2	1	#	1	#	0	#	0	#	#	1	#	1
15-17 LST	2	1	1	2	1	#	0	0	#	#	1	2	1
18-20 LST	2	1	1	3	1	1	0	#	1	1	1	1	1
21-23 LST	1	1	1	2	1	#	0	0	0	#	1	1	1
ALL HOURS	2	1	1	1	0	#	#	#	#	#	1	1	1

(TALLIN, ESTONIA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 86, THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	25	22	13	8	6	8	7	9	14	26	30	17
03-05 LST	31	28	24	16	11	9	11	11	11	17	28	30	19
06-08 LST	31	25	30	22	15	12	19	22	18	20	32	31	23
09-11 LST	36	29	34	26	14	6	11	15	22	24	31	29	23
12-14 LST	42	26	25	16	5	5	3	4	9	18	25	35	18
15-17 LST	31	18	17	11	4	2	2	3	4	11	25	31	13
18-20 LST	33	20	18	11	3	1	2	3	4	12	24	30	14
21-23 LST	29	23	22	14	6	2	3	2	7	14	28	30	15
ALL HOURS	33	24	24	16	8	6	7	8	10	16	27	31	18

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	13	15	9	7	4	7	4	5	9	15	17	10
03-05 LST	19	18	15	12	8	6	9	8	8	11	15	17	12
06-08 LST	17	14	21	16	12	7	15	17	13	11	15	18	15
09-11 LST	19	17	27	20	10	3	6	8	14	16	20	17	15
12-14 LST	25	17	16	11	3	3	1	1	4	9	17	21	11
15-17 LST	20	12	10	8	3	1	1	1	1	6	14	19	8
18-20 LST	20	13	10	8	2	1	1	1	2	6	14	18	8
21-23 LST	17	12	15	10	4	1	2	2	4	8	15	18	9
ALL HOURS	20	15	16	12	6	3	5	5	6	9	16	18	11

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	6	8	4	4	2	3	2	2	4	8	10	5
03-05 LST	11	10	9	7	5	4	5	5	5	7	7	8	7
06-08 LST	8	8	14	10	9	4	10	10	8	6	8	10	9
09-11 LST	9	10	15	12	6	1	2	3	7	8	11	9	8
12-14 LST	11	9	9	6	1	1	#	#	1	4	8	11	5
15-17 LST	10	5	5	2	1	#	#	#	0	2	7	9	4
18-20 LST	10	5	5	4	1	0	#	1	1	2	7	11	4
21-23 LST	10	7	8	5	2	#	1	1	2	3	7	10	5
ALL HOURS	10	8	9	6	4	2	3	3	3	5	8	10	6

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	3	3	2	#	1	1	1	1	1	4	2
03-05 LST	3	4	3	4	3	1	2	2	2	3	1	3	3
06-08 LST	2	2	5	6	4	2	4	5	3	2	3	2	3
09-11 LST	1	4	5	6	3	#	#	1	2	3	2	2	2
12-14 LST	2	2	2	2	0	#	0	#	1	1	3	3	1
15-17 LST	2	1	1	#	#	#	0	#	0	#	1	3	1
18-20 LST	2	2	3	1	#	0	0	#	0	2	1	3	1
21-23 LST	2	3	3	3	1	#	#	0	#	1	1	3	1
ALL HOURS	2	3	3	3	2	1	1	1	1	2	2	3	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TBILISI, GEORGIA
LOCATION: 4141N 4458E
PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 375490
ELEVATION (FEET): 1608
PERIOD: 7301-9012

ICAO: UGGG
LST = GMT + 4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	61	69	76	83	87	96	104	101	96	86	76	104
MEAN DAILY MAX	1	40	42	51	63	70	78	85	84	76	64	52	62
MEAN	1	34	35	43	55	62	69	75	74	67	56	45	54
MEAN DAILY MIN	1	28	29	36	46	53	60	66	65	59	48	39	47
EXTREME MIN	1	5	6	18	28	40	46	51	53	32	27	23	5
# DAYS GE 90	1	0	0	0	0	2	10	9	1	0	0	0	22
# DAYS LE 32	1	23	18	8	#	0	0	0	#	#	4	16	69
# DAYS LE 0	1	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM	2	2.6	2.1	3.3	5.9	9.0	8.7	5.3	4.4	7.9	5.6	4.9	3.3
MEAN	2	0.6	0.8	1.1	2.3	3.2	2.9	1.8	1.5	2.0	1.6	1.3	0.9
MINIMUM	2	0.0	0.0	#	0.2	0.2	0.1	#	0.0	0.0	#	0.0	#
MAX 24 HR	2	1.1	1.1	1.4	1.7	2.6	2.7	2.7	2.6	5.1	2.2	3.0	1.8
# DAYS GE 0.004	1	9	11	12	12	13	12	8	7	8	10	11	9
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	6	8	4	#	#	0	0	#	0	#	1	3
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (07 LST)	1	84	86	83	82	80	78	75	78	81	85	86	84
RH (16 LST)	1	65	65	58	54	54	49	45	45	50	58	65	65
VAPOR PRESS	1	.15	.16	.21	.30	.39	.47	.55	.54	.45	.34	.24	.18
DEWPOINT	1	27	29	34	44	51	56	61	60	55	47	38	31
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	NW	SNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
MEAN SPEED													
(PVLG DRCTN)	1	21	24	25	25	22	22	23	23	22	21	21	19
MEAN SPEED													
(ALL OBS)	1	11	10	11	12	12	14	15	13	12	10	10	11
MAX PEAK GUST	1	60	58	64	45	49	51	47	49	62	52	51	54
PRESSURE ALT	1	1950	1900	2000	2050	2150	2000	2200	2000	2000	2050	1950	1950
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	6	5	5	5	5	4	4	5	5	5	5
DAYS TSTMS	1	#	#	#	3	8	11	8	6	4	2	#	0
DAYS FOG LT 7	1	21	20	21	15	10	5	4	5	10	18	21	22
DAYS BNBD LT 7	1	#	#	#	#	0	#	#	#	#	#	#	0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

TBILISI, GEORGIA

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ - % CALM GT PVLGN DRCTN
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, MAY 61, PERIOD OF RECORD 81 YEARS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	46	49	32	12	9	4	4	3	5	21	42	43	22
03-05 LST	43	52	36	15	9	3	3	4	6	25	39	45	23
06-08 LST	41	53	43	35	19	8	5	9	17	31	41	43	29
09-11 LST	50	61	54	39	20	9	7	12	23	41	52	51	35
12-14 LST	48	60	48	35	19	10	7	8	16	37	46	51	32
15-17 LST	45	54	42	28	14	10	5	8	15	36	45	49	29
18-20 LST	42	56	37	22	13	8	5	4	10	28	43	45	26
21-23 LST	43	48	28	11	10	4	3	3	6	21	42	45	22
ALL HOURS	45	54	40	25	14	7	5	6	12	30	44	47	27

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	41	45	24	8	6	2	3	1	3	17	37	41	19
03-05 LST	40	47	27	10	6	1	2	2	3	19	34	42	19
06-08 LST	38	49	36	28	16	5	4	7	11	23	36	40	24
09-11 LST	49	60	52	35	17	7	5	10	17	36	50	49	32
12-14 LST	47	58	47	31	16	8	6	7	14	34	44	50	30
15-17 LST	43	51	39	24	12	9	5	7	14	33	43	47	27
18-20 LST	40	52	34	19	10	5	4	3	8	24	39	42	23
21-23 LST	39	44	22	8	6	3	1	2	3	16	38	42	19
ALL HOURS	42	51	35	20	11	5	4	5	9	25	40	44	24

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	29	32	12	2	#	1	2	1	1	7	22	30	12
03-05 LST	30	32	16	4	1	#	1	#	1	9	20	30	12
06-08 LST	28	36	20	13	6	2	1	2	3	10	21	29	14
09-11 LST	41	49	35	14	4	2	1	1	4	19	34	38	20
12-14 LST	35	39	30	9	3	1	1	1	2	13	28	33	16
15-17 LST	31	33	19	6	2	1	1	1	1	13	24	29	13
18-20 LST	30	35	17	5	4	1	2	1	2	9	24	30	13
21-23 LST	27	29	13	3	2	1	1	#	1	6	22	28	11
ALL HOURS	31	35	20	7	3	1	1	1	2	11	24	31	14

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	5	2	#	#	#	1	#	1	1	3	6	2
03-05 LST	5	8	2	#	#	#	#	#	#	2	3	8	3
06-08 LST	7	8	4	2	1	#	1	#	1	1	4	8	3
09-11 LST	10	11	5	1	1	0	#	1	1	2	5	8	4
12-14 LST	5	5	1	#	0	#	#	#	0	1	2	7	2
15-17 LST	5	7	1	1	#	#	#	1	0	#	3	4	2
18-20 LST	4	5	1	#	1	#	#	0	1	1	3	6	2
21-23 LST	5	5	1	#	#	1	#	0	1	1	3	5	2
ALL HOURS	6	7	2	1	#	#	#	#	1	1	3	6	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TBILISI, GEORGIA
 LOCATION: 4141N 4458E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 375490
 ELEVATION (FEET): 1608
 PERIOD: 7301-9012

ICAO: UGGG
 LST = GMT + 4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	#	1	3	2	2	2	0	0	0	1
03-05 LST	#	0	0	#	1	2	2	1	1	#	#	0	1
06-08 LST	0	0	0	0	1	1	1	1	#	#	0	0	#
09-11 LST	#	#	0	#	0	1	1	#	0	0	#	0	#
12-14 LST	0	0	0	0	1	1	1	0	#	0	0	0	#
15-17 LST	#	0	0	1	3	4	1	1	#	#	0	0	1
18-20 LST	#	#	#	2	5	7	2	2	1	1	0	0	2
21-23 LST	0	#	0	2	4	5	4	2	3	1	0	0	2
ALL HOURS	#	#	#	1	2	3	2	1	1	#	#	0	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	8	8	8	6	4	6	5	7	9	5	6
03-05 LST	3	4	8	8	8	7	4	5	4	7	9	5	6
06-08 LST	4	4	7	11	10	6	3	5	5	9	8	4	6
09-11 LST	3	4	7	8	7	4	3	3	6	8	8	5	5
12-14 LST	3	4	6	7	6	4	3	2	2	7	6	4	5
15-17 LST	2	3	6	8	7	6	1	2	3	7	8	4	5
18-20 LST	2	4	7	11	12	11	4	4	3	6	8	4	6
21-23 LST	2	3	8	10	10	12	5	4	7	8	9	4	7
ALL HOURS	3	4	7	9	8	7	3	4	4	7	8	4	6

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	14	5	#	#	0	0	0	0	#	1	4	3
03-05 LST	10	14	7	#	0	0	0	0	0	#	1	5	3
06-08 LST	8	18	5	#	0	0	0	0	0	1	1	5	3
09-11 LST	10	16	6	#	0	0	0	0	0	#	2	5	3
12-14 LST	8	9	4	0	0	0	0	0	0	1	1	6	2
15-17 LST	7	9	2	#	0	0	0	0	0	#	1	3	2
18-20 LST	6	8	3	0	0	#	0	#	0	#	#	3	2
21-23 LST	9	12	4	#	0	0	0	0	0	#	1	4	2
ALL HOURS	9	13	5	#	#	#	0	#	0	#	1	5	3

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	14	17	17	18	22	30	19	19	9	12	11	17
03-05 LST	14	14	15	17	15	20	30	20	18	9	11	13	16
06-08 LST	12	13	13	15	13	19	26	16	13	9	11	13	14
09-11 LST	13	14	15	17	16	19	24	16	14	9	13	13	15
12-14 LST	18	17	18	18	16	18	20	13	17	16	19	18	17
15-17 LST	19	20	21	21	18	18	21	16	19	17	21	18	19
18-20 LST	16	17	22	24	20	20	26	17	20	14	15	15	19
21-23 LST	16	15	18	22	20	23	29	20	23	13	14	13	19
ALL HOURS	15	15	17	19	17	20	26	17	18	12	15	14	17

TBILISI, GEORGIA

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	31	12	2	2	1	2	1	1	7	20	30	11
03-05 LST	30	31	15	4	1	#	1	#	1	9	19	29	12
06-08 LST	27	35	20	13	6	2	1	2	3	10	20	28	14
09-11 LST	41	49	35	14	4	2	1	1	4	18	34	38	20
12-14 LST	35	39	29	8	3	1	1	1	2	12	28	33	16
15-17 LST	30	32	18	5	2	1	1	1	1	12	23	28	13
18-20 LST	29	34	16	4	4	1	2	1	2	9	24	29	13
21-23 LST	27	28	12	3	2	1	1	#	1	5	21	28	11
ALL HOURS	31	35	20	7	3	1	1	1	2	10	24	30	14

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	26	10	2	2	1	2	#	1	6	17	27	10
03-05 LST	24	26	13	3	1	#	1	#	1	7	15	26	10
06-08 LST	22	31	17	12	6	2	1	1	3	8	18	24	12
09-11 LST	35	42	30	9	4	1	1	1	3	14	28	35	17
12-14 LST	28	32	23	7	2	1	1	1	1	10	24	29	13
15-17 LST	24	27	13	4	2	1	1	1	#	10	20	24	10
18-20 LST	23	29	13	4	4	1	2	1	2	7	20	27	11
21-23 LST	21	23	10	2	2	1	1	0	1	4	17	24	9
ALL HOURS	25	29	16	5	3	1	1	1	2	8	20	27	11

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	15	4	1	1	#	1	#	1	2	8	16	5
03-05 LST	14	13	6	1	1	#	#	#	#	4	8	14	5
06-08 LST	13	18	10	6	2	1	1	#	2	3	10	15	7
09-11 LST	24	27	15	3	1	#	#	1	2	4	16	21	9
12-14 LST	16	15	8	2	#	#	#	#	#	3	7	14	6
15-17 LST	13	13	3	1	#	1	#	1	0	2	9	12	5
18-20 LST	14	16	4	1	1	1	1	#	1	2	9	16	5
21-23 LST	13	13	5	1	1	1	#	0	1	2	8	14	5
ALL HOURS	15	16	7	2	1	#	0	#	1	3	9	15	6

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	#	0	#	0	#	#	#	1	2	4	1
03-05 LST	3	4	1	#	#	#	#	#	#	1	1	6	1
06-08 LST	5	4	3	1	#	#	1	0	1	1	1	6	2
09-11 LST	6	6	2	0	1	0	#	1	#	1	1	4	2
12-14 LST	3	2	#	0	0	0	#	#	0	0	#	3	1
15-17 LST	2	3	1	#	#	#	0	#	0	#	1	2	1
18-20 LST	1	2	#	#	#	#	#	0	#	1	1	2	1
21-23 LST	2	2	1	0	0	1	0	0	1	#	2	2	1
ALL HOURS	3	3	1	#	#	#	#	#	#	1	1	4	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ALMA-ATA, KAZAKHSTAN
LOCATION: 4314N 7657E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 368700
ELEVATION (FEET): 2779
PERIOD: 7301-9012

ICAO: UAAA
LST = GMT + 6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	59	64	73	87	94	97	106	102	93	88	77	106
MEAN DAILY MAX	1	30	31	42	61	70	79	84	82	73	57	43	57
MEAN	1	22	24	36	52	61	70	75	72	63	48	35	49
MEAN DAILY MIN	1	15	16	28	42	51	59	64	61	51	38	27	39
EXTREME MIN	1	-10	-21	-3	14	26	38	48	32	32	11	-10	-21
# DAYS GE 90	1	0	0	0	0	#	3	8	6	1	0	0	18
# DAYS LE 32	1	30	28	21	4	#	#	#	#	#	8	20	139
# DAYS LE 0	1	3	3	#	0	0	0	0	0	0	#	2	8
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.3	1.1	2.1	3.7	3.5	2.4	1.4	1.2	1.1	1.9	1.8	22.7
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	12	11	15	13	15	12	10	8	7	9	11	135
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	8	8	7	2	#	0	0	0	#	2	5	38
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (06 LST)	1	81	82	82	68	67	58	54	55	61	75	79	70
RH (15 LST)	1	64	62	63	45	46	39	35	33	35	49	63	50
VAPOR PRESS	1	.10	.10	.16	.23	.31	.36	.38	.34	.27	.22	.16	.23
DEWPOINT	1	15	17	27	37	44	49	51	47	42	35	27	34
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$S	\$N	\$S	S	S	S	S	S	S	\$S	\$S	\$S
MEAN SPEED													
(PVLG DRCTN)	1	2	2	2	3	3	3	3	3	2	2	2	2
MEAN SPEED													
(ALL OBS)	1	2	2	2	3	3	3	3	3	2	2	2	2
MAX PEAK GUST	1	14	12	12	12	14	12	25	14	14	14	14	25
PRESSURE ALT	1	3100	3100	3200	3400	3560	3910	3790	3500	3200	3150	2950	3910
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	6	5	5	5	4	3	3	4	5	5
DAYS TSTMS	1	#	#	#	2	6	9	7	4	1	#	#	30
DAYS FOG LT 7	1	14	13	16	4	1	#	0	#	#	7	12	82
DAYS BNBD LT 7	1	#	#	#	#	#	0	0	#	#	#	#	2
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(ALMA-ATA, KAZAKHSTAN)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAR 60, 46 YEARS OF RECORD

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	52	51	53	24	16	12	9	6	9	22	43	52	29
03-05 LST	36	40	43	23	12	11	6	5	9	21	36	44	24
06-08 LST	37	41	45	26	15	12	8	8	9	20	34	41	25
09-11 LST	36	41	44	23	16	9	9	7	8	22	31	41	24
12-14 LST	53	60	58	30	21	10	9	6	9	30	45	52	32
15-17 LST	58	60	60	36	22	16	10	8	13	32	54	58	36
18-20 LST	51	56	60	32	25	19	13	7	11	31	46	58	34
21-23 LST	54	56	58	32	27	21	15	9	12	34	50	57	35
ALL HOURS	47	51	53	28	19	14	10	7	10	26	42	50	30

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	49	45	39	12	4	1	1	1	2	13	34	45	21
03-05 LST	33	35	30	10	3	1	1	1	2	11	27	38	16
06-08 LST	31	35	33	14	6	3	1	2	1	11	25	36	16
09-11 LST	33	38	39	14	8	2	1	2	2	14	27	36	18
12-14 LST	50	57	51	19	9	2	2	2	4	24	39	46	25
15-17 LST	55	57	51	21	8	2	1	3	7	25	46	54	27
18-20 LST	49	52	49	17	8	2	1	1	5	23	40	54	25
21-23 LST	52	51	46	18	7	3	3	1	3	24	42	50	25
ALL HOURS	44	46	42	16	7	2	1	2	3	18	35	45	22

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	33	24	5	2	1	1	1	1	6	25	36	14
03-05 LST	25	24	20	5	1	1	1	1	#	6	18	29	11
06-08 LST	23	24	21	6	2	1	1	1	#	6	17	29	11
09-11 LST	19	21	21	6	2	1	1	1	1	7	19	26	10
12-14 LST	24	28	21	5	2	#	#	#	1	7	22	31	12
15-17 LST	2	22	15	3	2	1	#	0	1	6	21	29	10
18-20 LST	2	23	14	4	1	1	#	#	#	8	19	33	11
21-23 LST	4	39	28	8	4	2	2	#	2	15	30	41	17
ALL HOURS	27	27	21	5	2	1	1	1	1	8	21	32	12

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	7	3	#	#	#	0	#	#	1	7	12	3
03-05 LST	6	7	4	#	#	#	1	#	#	2	7	12	3
06-08 LST	7	7	6	1	1	1	#	#	#	1	7	11	4
09-11 LST	7	7	9	1	1	#	1	1	#	2	8	12	4
12-14 LST	6	8	4	1	1	0	0	0	1	1	5	11	3
15-17 LST	4	2	1	#	#	#	#	0	1	1	4	8	2
18-20 LST	4	3	2	1	1	1	#	#	0	1	3	11	2
21-23 LST	7	6	2	1	#	1	#	0	1	1	6	13	3
ALL HOURS	6	6	4	1	#	#	#	#	#	1	6	11	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ALMA-ATA, KAZAKHSTAN
 LOCATION: 4314N 7657E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 368700
 ELEVATION (FEET): 2779
 PERIOD: 7301-9012

ICAO: UAAA
 LST = GMT + 6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	1	1	1	2	1	#	0	0	#	1
03-05 LST	0	0	#	#	#	1	1	#	0	0	0	0	#
06-08 LST	0	#	0	0	#	1	#	1	0	0	0	0	#
09-11 LST	0	0	0	0	0	1	1	1	#	0	0	#	#
12-14 LST	#	0	0	#	1	1	1	#	0	0	0	0	#
15-17 LST	0	0	#	#	3	4	4	1	#	0	0	0	1
18-20 LST	0	0	0	2	4	6	5	2	1	0	0	#	2
21-23 LST	#	0	#	2	3	4	4	2	1	0	0	0	1
ALL HOURS	#	#	#	1	2	3	2	1	#	0	0	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	3	10	12	11	8	7	6	4	9	6	5	7
03-05 LST	2	3	10	12	8	6	4	2	5	8	6	2	6
06-08 LST	2	3	7	13	10	6	3	5	5	8	6	3	6
09-11 LST	2	2	8	12	9	6	3	5	5	9	7	4	6
12-14 LST	2	2	6	11	10	4	5	3	3	7	4	3	5
15-17 LST	1	2	8	11	12	8	5	3	4	9	6	3	6
18-20 LST	1	2	10	14	16	12	8	5	8	7	7	3	8
21-23 LST	1	2	10	16	18	12	9	7	7	8	4	4	8
ALL HOURS	2	3	9	13	12	8	6	4	5	8	6	4	6

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	15	11	1	0	0	0	0	#	2	7	10	5
03-05 LST	11	14	11	1	0	0	0	0	#	3	7	12	5
06-08 LST	11	15	13	2	#	0	0	0	0	2	6	9	5
09-11 LST	14	18	15	2	#	0	0	0	1	2	9	11	6
12-14 LST	13	15	13	2	#	0	0	0	#	4	9	14	6
15-17 LST	12	16	11	2	#	0	0	0	#	3	7	10	5
18-20 LST	11	17	12	2	1	0	0	0	0	3	5	11	5
21-23 LST	11	17	12	1	0	0	0	0	0	3	7	10	5
ALL HOURS	12	16	12	2	#	0	0	0	#	3	7	11	5

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	#	#	0	0	#	#	#	0	#
03-05 LST	#	0	#	#	0	0	#	#	0	0	0	0	#
06-08 LST	0	#	0	0	1	1	1	#	#	0	#	#	#
09-11 LST	0	0	#	0	#	0	0	0	0	0	0	#	#
12-14 LST	0	0	#	0	0	0	#	0	#	#	0	0	#
15-17 LST	#	0	0	0	#	0	0	#	#	0	0	0	#
18-20 LST	0	#	0	#	#	0	#	#	0	0	#	0	#
21-23 LST	0	0	0	#	0	#	#	#	0	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

(ALMA-ATA, KAZAKHSTAN)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAR 60, 46 YEARS OF RECORD

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	38	33	22	3	2	1	1	1	1	6	24	34	14
03-05 LST	23	22	18	4	1	1	1	1	#	5	17	26	10
06-08 LST	21	22	19	3	2	1	1	1	#	4	15	26	10
09-11 LST	18	20	19	3	2	1	1	1	#	5	17	25	9
12-14 LST	23	27	20	3	2	#	#	#	1	6	20	30	11
15-17 LST	22	21	14	3	1	1	#	0	1	5	19	27	10
18-20 LST	21	23	12	3	1	1	#	#	#	7	18	31	10
21-23 LST	40	38	27	7	2	1	1	0	2	14	29	40	17
ALL HOURS	26	26	19	4	2	1	1	#	1	6	20	30	11

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	27	14	2	#	1	#	1	1	3	18	27	10
03-05 LST	19	18	12	1	1	1	1	#	#	3	12	20	7
06-08 LST	18	16	12	3	1	1	1	1	#	3	11	21	7
09-11 LST	16	17	15	2	1	1	1	1	#	4	13	21	8
12-14 LST	19	23	14	2	1	#	0	#	1	4	16	26	9
15-17 LST	17	15	9	2	1	#	#	0	1	3	14	23	7
18-20 LST	17	17	8	2	1	1	#	#	#	5	13	26	7
21-23 LST	32	31	17	3	1	1	#	0	2	8	23	31	12
ALL HOURS	21	21	13	2	1	1	#	#	1	4	15	24	9

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	14	6	1	#	#	#	1	#	2	11	19	6
03-05 LST	13	12	6	1	1	#	1	#	#	2	8	16	5
06-08 LST	12	11	8	1	1	1	1	1	#	2	8	14	5
09-11 LST	11	11	12	1	1	#	1	1	#	4	9	17	6
12-14 LST	13	15	6	1	1	0	0	0	1	3	11	19	6
15-17 LST	9	8	3	1	#	#	#	0	1	2	8	16	4
18-20 LST	10	7	4	1	1	1	#	#	#	3	7	18	4
21-23 LST	19	13	7	1	#	1	#	0	1	3	13	21	7
ALL HOURS	13	11	7	1	1	#	#	#	#	3	9	18	5

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	2	#	#	#	0	#	#	1	5	7	2
03-05 LST	3	4	3	0	#	#	1	#	#	1	5	8	2
06-08 LST	4	6	5	1	1	#	#	#	#	#	5	6	2
09-11 LST	4	6	7	1	#	0	1	#	#	2	5	7	3
12-14 LST	3	4	2	#	#	0	0	0	#	1	2	5	1
15-17 LST	1	1	#	#	#	#	#	0	#	1	3	3	1
18-20 LST	2	2	1	1	1	#	0	#	0	#	2	5	1
21-23 LST	4	3	2	#	#	1	#	0	1	1	3	8	2
ALL HOURS	3	4	3	#	#	#	#	#	#	1	4	6	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BALKHASH, USSR
 LOCATION: 46°54'N, 75°01'E
 PREPARED BY: USAFETAC/ECR, JAN 1989

STATION #: 357960
 ELEVATION (FEET): 1388
 PERIOD: 5901-8802

ICAO ID: N/A
 LST - GMT +6

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	36	41	68	81	90	98	100	99	95	77	55	43	100
MEAN DLY MAX	1	14	15	31	54	68	78	82	79	68	50	33	19	49
MEAN	1	7	8	24	46	61	71	76	71	60	43	27	13	42
MEAN DLY MIN	1	0	0	15	37	50	61	65	60	49	34	19	6	33
EXTREME MIN	1	-35	-37	-21	7	27	41	45	41	28	7	-21	-30	-37
# DAYS > 90	1	0	0	0	0	0	2	5	2	0	0	0	0	10
# DAYS > 32	1	31	28	29	10	1	0	0	0	0	13	27	30	169
# DAYS > 0	1	16	15	5	0	0	0	0	0	0	0	1	10	47
2. PRECIPITATION (INCHES)														
MAXIMUM	1	0.6	0.8	0.8	1.5	1.3	2.2	1.5	1.7	1.6	1.3	1.0	0.9	8.0
MEAN	1	0.4	0.3	0.4	0.6	0.3	0.7	0.5	0.5	0.2	0.4	0.4	0.5	5.2
MINIMUM	1	0.1	0.1	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.2	3.0
MAX 24 HR	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.004	1	3	6	6	3	4	5	5	3	4	5	6	7	57
# DAYS > 0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)														
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.5	1	9	7	6	1	0	0	0	0	0	1	6	10	40
# DAYS > 1.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)														
RH (06 LST)	2	77	76	79	71	61	56	55	54	57	72	78	77	68
RH (15 LST)	2	71	70	66	48	42	40	41	38	41	52	63	69	53
VAPOR PRESS	2	.06	.06	.11	.18	.27	.35	.41	.34	.25	.18	.12	.07	.20
DEWPOINT	2	1	2	17	30	40	48	52	47	38	30	19	7	28
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLC DRCTN		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
MEAN SPEED														
(PVLC DRCTN)	2	11	12	12	12	11	10	10	10	10	10	10	10	11
MEAN SPEED														
(ALL OBS)	2	10	10	10	10	10	9	9	9	9	9	9	9	9
MAX (PK GST)		0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	2	1730	1640	1750	1790	1850	1890	1990	1920	1830	1720	1660	1630	1990
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	2	4	3	4	4	4	3	3	3	3	4	4	4	4
DAYS TSTMS		0	0	0	0	2	4	5	3	1	0	0	0	17
DAYS FOG < 7	2	5	4	4	1	0	0	0	0	0	1	4	6	26
DAYS BNBD < 7		0	0	0	0	0	0	0	0	0	0	0	0	2
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - \$ CALM > PVLG DRCTN
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 59-88
 2. NATIONAL INTELLIGENCE SURVEY POR 59-68
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	19	17	14	7	6	5	5	4	2	9	18	25	11
06-08 LST	22	17	17	12	9	7	7	5	4	10	22	25	13
09-11 LST	25	21	21	12	7	5	6	5	5	17	28	28	
12-14 LST	19	17	17	12	10	7	6	6	5	15	23	25	
15-17 LST	15	15	16	12	11	9	9	7	7	15	18	22	
18-20 LST	19	17	15	10	11	9	10	6	7	12	19	24	
21-23 LST	18	14	13	6	8	7	7	6	4	9	15	24	11
ALL HOURS	17	15	14	9	8	6	6	5	4	11	18	22	11

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	15	12	9	4	1	1	1	1	1	3	11	16	6
06-08 LST	16	13	11	5	1	1	1	1	1	3	14	18	7
09-11 LST	20	17	13	7	2	1	1	1	1	7	16	20	9
12-14 LST	17	15	12	6	3	2	1	1	2	7	14	19	8
15-17 LST	12	13	10	5	3	2	2	1	2	5	10	16	7
18-20 LST	14	14	9	4	3	3	2	2	3	4	11	17	7
21-23 LST	14	10	8	3	2	1	1	2	1	3	9	15	6
ALL HOURS	13	12	9	4	2	1	1	1	1	4	11	15	6

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	7	7	5	2	#	#	1	#	1	2	7	8	3
06-08 LST	8	7	6	3	#	1	1	#	#	1	9	9	4
09-11 LST	10	9	6	4	1	1	1	#	1	3	9	8	4
12-14 LST	9	7	5	3	1	#	#	0	1	2	6	9	4
15-17 LST	6	6	4	2	1	1	#	#	1	1	5	8	3
18-20 LST	7	7	4	1	1	1	1	1	1	1	5	9	3
21-23 LST	7	5	4	1	1	1	1	1	1	1	5	8	3
ALL HOURS	7	6	4	2	1	1	1	#	1	1	6	7	3

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	3	2	1	#	0	#	0	#	1	3	4	1
06-08 LST	2	3	3	1	#	0	0	#	0	1	3	4	1
09-11 LST	3	2	2	1	0	0	#	0	#	1	5	3	2
12-14 LST	2	1	1	1	0	0	0	#	#	0	3	3	1
15-17 LST	2	1	1	1	#	#	0	0	0	#	1	2	1
18-20 LST	2	2	1	#	#	#	#	#	#	#	2	3	1
21-23 LST	2	1	2	#	#	#	#	#	#	#	2	3	1
ALL HOURS	2	2	1	1	#	#	#	#	#	0	2	3	1

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: BALKHASH, USSR
LOCATION: 46°54'N, 75°01'E
PREPARED BY: USAFETAC/ECR, JAN 1989

STATION #: 357960
ELEVATION (FEET): 1388
PERIOD: 5901-8802

ICAO ID: N/A
LST = GMT +6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	1	1	1	1	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	1	1	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	1	1	0	0	0	0	0	0
15-17 LST	0	0	0	0	1	1	3	1	0	0	0	0	1
18-20 LST	0	0	0	0	1	2	3	1	0	0	0	0	1
21-23 LST	0	0	0	0	1	1	1	1	0	0	0	0	0
ALL HOURS	0	0	0	0	0	1	1	1	0	0	0	0	0

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	1	0	2	3	3	2	2	1	1	3	3	1	2
06-08 LST	0	1	1	4	2	2	2	2	2	3	3	1	2
09-11 LST	0	0	2	4	3	3	3	2	3	5	4	1	2
12-14 LST	0	0	2	3	2	2	3	2	2	4	3	1	2
15-17 LST	0	0	2	3	2	2	3	2	3	4	2	2	2
18-20 LST	0	0	2	4	3	2	3	2	3	3	3	1	2
21-23 LST	0	0	2	3	2	2	1	2	1	3	2	1	2
ALL HOURS	0	0	2	3	2	2	2	1	2	3	2	1	2

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	13	11	4	1	0	0	0	0	0	0	3	9	3
06-08 LST	12	9	5	1	0	0	0	0	0	1	4	9	4
09-11 LST	11	12	5	1	0	0	0	0	0	2	6	10	4
12-14 LST	17	11	5	1	0	0	0	0	0	1	6	15	5
15-17 LST	9	7	5	0	0	0	0	0	0	1	4	10	3
18-20 LST	8	8	4	0	0	0	0	0	0	1	4	7	3
21-23 LST	10	8	3	0	0	0	0	0	0	0	5	10	3
ALL HOURS	10	8	4	0	0	0	0	0	0	1	4	9	3

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	1	1	0	1	2	1	0	0	0	1	0	0	1
06-08 LST	0	0	1	0	1	0	0	0	0	0	0	0	0
09-11 LST	0	1	1	2	1	1	1	0	0	1	1	0	1
12-14 LST	0	1	1	2	1	0	0	0	0	1	1	0	1
15-17 LST	1	1	0	2	1	1	1	0	1	1	1	0	1
18-20 LST	0	1	1	1	1	1	1	0	0	0	0	0	1
21-23 LST	1	0	1	1	0	0	0	0	0	1	1	0	0
ALL HOURS	0	1	0	1	1	1	0	0	0	1	0	0	0

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 59-88
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	6	5	2	#	#	1	#	1	2	6	8	3
06-08 LST	7	6	6	3	#	1	1	#	#	1	8	9	4
09-11 LST	10	9	6	4	1	1	1	#	1	3	9	8	4
12-14 LST	8	7	5	3	1	#	#	0	1	2	6	9	4
15-17 LST	6	6	4	2	1	1	#	#	1	1	5	8	3
18-20 LST	7	7	4	1	1	1	1	1	1	1	5	9	3
21-23 LST	6	4	4	1	1	1	1	1	1	1	4	7	3
ALL HOURS	6	6	4	2	1	1	1	#	1	1	5	7	3

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	6	4	1	#	#	1	#	1	1	5	7	3
06-08 LST	6	5	5	3	#	1	#	#	#	1	7	7	3
09-11 LST	8	8	5	3	1	1	1	#	#	2	8	8	4
12-14 LST	7	6	4	2	#	#	#	0	1	1	5	8	3
15-17 LST	4	5	3	1	1	1	#	#	1	1	3	7	2
18-20 LST	5	6	3	1	1	1	1	1	1	1	4	7	3
21-23 LST	5	4	3	1	1	1	1	1	1	1	4	6	2
ALL HOURS	5	5	3	2	0	1	#	#	#	1	4	6	2

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	4	4	3	1	#	#	1	#	#	1	4	5	2
06-08 LST	3	3	4	2	#	#	#	#	#	1	5	5	2
09-11 LST	4	4	3	2	0	1	1	#	#	2	6	5	2
12-14 LST	4	2	2	1	#	#	0	#	#	1	3	5	1
15-17 LST	2	2	1	1	1	1	#	#	#	#	2	4	1
18-20 LST	3	3	1	1	#	1	#	#	#	#	3	5	1
21-23 LST	3	2	2	1	1	1	#	1	#	1	3	4	2
ALL HOURS	3	3	2	1	#	#	#	#	#	1	3	4	1

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	2	1	#	0	0	#	0	#	#	2	3	1
06-08 LST	2	2	2	1	#	0	0	#	0	#	2	3	1
09-11 LST	2	2	2	1	0	0	#	0	#	1	3	2	1
12-14 LST	1	#	#	1	0	0	0	#	#	#	2	2	1
15-17 LST	1	1	#	#	#	#	0	0	0	#	1	1	#
18-20 LST	1	1	1	0	#	#	#	#	0	0	2	2	1
21-23 LST	1	1	1	#	#	#	#	#	#	#	1	2	1
ALL HOURS	1	1	1	#	#	#	#	#	#	#	2	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BARSHATAS, USSR
 LOCATION: 4810N 7841E
 PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 364980
 ELEVATION (FEET): 2110
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT + 6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	43	39	67	85	94	100	100	100	91	82	61	45 100
MEAN DAILY MAX	1	13	15	28	53	67	77	82	77	67	49	31	18 48
MEAN	1	5	6	19	44	57	67	71	67	56	40	22	9 39
MEAN DAILY MIN	1	-2	-3	10	32	44	54	57	53	43	28	13	0 27
EXTREME MIN	1	-34	-36	-19	-3	22	33	32	32	12	-5	-16	-39 -39
# DAYS GE 90	1	0	0	0	0	#	2	6	2	#	0	0	0 11
# DAYS LE 32	1	31	28	30	13	3	0	#	#	2	19	29	31 187
# DAYS LE 0	1	19	18	8	#	0	0	0	0	0	#	5	16 66
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.1		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (6 LST)	1	74	74	73	69	62	60	58	59	65	74	75	74 68
RH (15 LST)	1	66	66	62	41	32	30	28	28	31	46	59	64 46
VAPOR PRESS	1	.05	.05	.08	.16	.21	.28	.30	.27	.21	.15	.09	.06 .16
DEWPOINT	1	0	0	10	26	34	41	44	40	34	26	13	2 23
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLC DRCTN	1	\$NE	\$NE	\$NE	\$NE	\$NE	\$NE	\$NE	\$NE	\$NE	\$NE	\$NE	\$NE
MEAN SPEED													
(PVLC DRCTN)	1	8	7	8	9	9	8	8	8	7	7	7	8
MEAN SPEED													
(ALL OBS)	1	4	5	5	6	6	5	5	5	5	4	4	5
MAX PEAK GUST	1	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	2770	*	2930	3230	3000	3610	3540	3160	3140	3100	2720	* 3610
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	3	3	3	3	4	4	3	3	3	4	4	3 3
DAYS TSTMS	1	#	#	#	#	1	3	3	1	1	#	#	# 11
DAYS FOG LT 7	1	1	1	1	#	#	#	#	#	#	#	1	2 6
DAYS BNBD LT 7	1	#	#	#	#	#	#	#	#	#	#	#	0 2
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM CT PVLGN DRCTN
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73 - DEC 86, 3 HOURLY
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	9	14	5	8	8	6	3	5	5	12	15	10	8
06-08 LST	6	10	6	10	8	6	5	5	6	12	14	8	8
09-11 LST	18	13	7	12	10	4	6	3	6	12	16	11	10
12-14 LST	16	12	8	12	9	10	10	5	9	17	16	11	11
15-17 LST	10	13	8	11	11	16	12	7	8	16	16	10	11
18-20 LST	8	11	9	8	11	12	11	6	8	15	12	9	10
21-23 LST	6	10	5	7	7	9	7	6	4	9	12	11	8
ALL HOURS	9	10	6	8	8	8	19	5	6	11	18	9	10

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	4	5	2	2	4	#	1	2	1	4	4	2	3
06-08 LST	1	1	3	3	3	1	1	2	2	2	3	1	2
09-11 LST	15	11	5	4	4	2	2	#	2	4	7	9	5
12-14 LST	15	11	6	5	3	1	2	1	3	4	9	9	6
15-17 LST	9	10	7	3	2	3	2	1	2	4	9	8	5
18-20 LST	4	7	6	1	3	2	2	1	2	4	4	3	3
21-23 LST	1	3	1	1	2	2	2	2	1	1	2	3	2
ALL HOURS	6	6	4	2	3	2	2	1	2	3	5	4	3

9. % FREQ OF CIG/VIS LT 1000/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	4	4	2	2	4	#	1	2	1	3	3	2	2
06-08 LST	1	#	2	1	1	1	0	2	2	2	2	1	1
09-11 LST	12	9	5	2	2	1	2	#	2	3	7	8	4
12-14 LST	10	8	5	3	2	1	2	#	2	2	6	8	4
15-17 LST	7	7	6	3	1	2	1	1	1	3	8	6	4
18-20 LST	4	6	5	1	2	1	1	1	1	3	2	2	2
21-23 LST	1	2	1	1	1	2	1	2	1	1	1	2	1
ALL HOURS	5	5	3	2	2	1	1	1	1	2	4	4	2

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	2	2	1	#	3	0	1	#	1	1	2	2	1
06-08 LST	#	0	#	1	1	1	0	#	1	1	1	#	1
09-11 LST	5	3	2	#	0	0	1	#	#	2	1	3	2
12-14 LST	4	3	2	1	1	1	0	0	1	1	3	2	2
15-17 LST	2	2	3	1	#	1	#	1	1	1	2	2	1
18-20 LST	1	2	2	#	1	1	#	0	#	1	1	1	1
21-23 LST	1	1	#	#	#	1	1	1	#	#	#	1	1
ALL HOURS	2	2	1	1	1	#	1	#	1	1	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BARSHATAS, USSR
LOCATION: 4810N 7841E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 364980
ELEVATION (FEET): 2110
PERIOD: 7301-8612

ICAO: N/A
LST - CMT + 6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	1	#
06-08 LST	0	0	0	0	#	1	0	1	0	0	0	0	#
09-11 LST	#	0	#	0	0	0	0	0	0	0	#	0	#
12-14 LST	0	#	0	0	0	0	1	0	0	0	0	0	#
15-17 LST	0	0	0	1	#	2	1	#	1	0	0	0	#
18-20 LST	0	#	0	0	1	2	1	#	#	#	#	#	#
21-23 LST	0	#	0	0	#	1	1	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	1	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	#	1	2	1	2	1	1	3	3	1	1	1
06-08 LST	#	0	#	2	3	2	1	2	1	2	1	1	1
09-11 LST	#	#	#	3	5	4	2	2	3	4	1	#	2
12-14 LST	0	1	2	5	2	2	3	1	3	3	2	0	2
15-17 LST	1	1	1	4	2	5	4	1	2	2	1	1	2
18-20 LST	#	#	1	3	2	3	2	1	3	4	1	#	2
21-23 LST	#	1	1	3	3	3	2	1	3	3	2	1	2
ALL HOURS	#	#	1	3	2	3	2	1	2	3	1	0	2

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	4	7	2	1	#	0	0	0	0	2	4	4	2
06-08 LST	3	5	2	1	1	0	0	0	0	3	5	4	2
09-11 LST	13	11	4	1	1	0	0	0	0	3	7	11	4
12-14 LST	13	9	6	1	1	0	#	0	0	5	7	8	4
15-17 LST	8	7	4	1	0	0	0	0	0	4	7	7	3
18-20 LST	5	8	5	1	0	0	0	#	0	2	5	7	3
21-23 LST	5	7	3	1	0	#	0	0	#	1	5	6	2
ALL HOURS	6	7	3	1	#	#	#	#	#	3	10	6	3

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	1	2	0	#	0	0	1	0	0	#	1	#	1
06-08 LST	1	2	1	1	1	#	#	1	#	#	1	#	1
09-11 LST	1	3	2	1	#	1	#	0	1	#	#	1	1
12-14 LST	3	1	1	1	3	#	1	#	1	1	1	1	1
15-17 LST	1	1	1	2	2	2	1	1	1	1	1	1	1
18-20 LST	1	1	#	1	2	1	1	1	#	1	1	#	1
21-23 LST	#	1	#	#	#	#	#	1	#	#	1	#	#
ALL HOURS	1	1	1	1	1	1	#	0	#	1	1	1	1

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
 c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73 - DEC 86, 3 HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	4	4	2	2	4	#	1	2	1	3	3	2	2
06-08 LST	1	#	2	1	1	1	0	2	2	2	2	1	1
09-11 LST	12	9	5	2	2	1	2	#	2	3	7	8	4
12-14 LST	10	8	5	3	2	1	2	#	2	2	6	8	4
15-17 LST	7	7	6	3	1	2	1	1	1	3	8	6	4
18-20 LST	4	6	5	1	2	1	1	1	1	3	2	2	2
21-23 LST	1	2	1	1	1	2	1	2	1	1	1	2	1
ALL HOURS	5	5	3	2	2	1	1	1	1	2	4	4	2

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	4	4	2	1	4	#	1	2	1	3	3	2	2
06-08 LST	1	#	2	1	1	1	0	1	2	2	2	1	1
09-11 LST	12	9	5	2	2	#	1	#	1	3	7	8	4
12-14 LST	10	8	5	3	2	1	1	#	2	2	6	8	4
15-17 LST	7	6	6	3	1	2	1	1	1	2	8	6	4
18-20 LST	3	6	5	1	2	1	1	1	1	3	2	2	2
21-23 LST	1	2	1	1	1	2	1	2	1	1	1	2	1
ALL HOURS	5	5	3	2	2	1	1	1	1	2	3	3	2

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	4	3	1	#	3	#	1	2	1	1	3	2	2
06-08 LST	1	#	#	1	1	1	0	1	1	1	1	1	1
09-11 LST	8	6	4	1	0	0	1	#	1	3	3	4	2
12-14 LST	7	4	4	1	1	1	1	0	1	2	5	5	3
15-17 LST	4	3	3	1	#	1	#	1	1	1	5	3	2
18-20 LST	2	3	3	#	1	1	1	#	1	2	1	1	1
21-23 LST	1	1	1	1	#	1	1	1	#	#	1	1	1
ALL HOURS	3	3	2	1	1	1	1	1	1	1	2	2	1

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	2	1	1	#	3	0	#	#	1	1	1	#	1
06-08 LST	#	0	#	1	1	1	0	#	#	1	1	0	#
09-11 LST	2	#	1	0	0	0	1	#	#	#	#	1	1
12-14 LST	1	#	2	1	1	1	#	0	1	0	1	1	1
15-17 LST	1	0	2	#	#	1	#	1	1	0	1	1	1
18-20 LST	1	1	#	#	1	1	#	0	#	#	1	1	#
21-23 LST	#	1	#	#	#	1	1	1	#	#	#	1	0
ALL HOURS	1	#	1	#	1	#	#	#	#	#	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GUR'YEV, RA
LOCATION: 4701N 5152E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 357000
ELEVATION (FEET): -51
PERIOD: 7301-8612

ICAO:
LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	48	50	72	87	99	101	108	104	100	77	68	56	108
MEAN DAILY MAX	1	23	24	39	63	76	83	88	85	73	53	40	29	56
MEAN	1	18	17	32	54	67	75	80	76	64	46	35	25	49
MEAN DAILY MIN	1	11	10	24	44	56	63	68	64	53	37	29	19	40
EXTREME MIN	1	-25	-25	-12	21	32	32	50	38	30	9	-4	-7	-25
# DAYS GE 90	1	0	0	0	0	2	8	16	11	1	0	0	0	38
# DAYS LE 32	1	30	27	24	3	#	#	0	0	#	9	19	29	141
# DAYS LE 0	1	7	8	1	0	0	0	0	0	0	0	#	2	18
2. PRECIPITATION (INCHES)														
MAXIMUM	2	1.1	1.5	1.2	1.2	2.2	2.7	3.4	2.0	2.2	1.8	2.1	1.1	10.6
MEAN	2	0.5	0.5	0.4	0.6	0.7	0.7	0.5	0.4	0.6	0.4	0.6	0.7	6.6
MINIMUM	2	0.1	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	#	0.0	#	3.6
MAX 24 HR	2	0.7	0.5	0.7	1.2	1.1	1.3	3.4	1.8	1.9	0.9	0.9	0.7	3.4
# DAYS GE 0.004	1	6	5	4	3	3	2	3	2	2	4	4	7	45
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	5	4	3	#	0	#	0	0	0	1	1	4	18
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (05 LST)	1	85	83	84	71	57	59	57	58	66	77	85	87	72
RH (17 LST)	1	77	70	58	38	27	28	28	28	35	52	69	79	49
VAPOR PRESS	1	.10	.09	.14	.22	.27	.36	.42	.38	.30	.22	.17	.12	.23
DEWPOINT	1	14	11	24	35	40	48	52	50	43	35	29	20	33
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	SE	E	E	SE	SE	SW	SW	SW	SE	SE	SE	SE	SE
MEAN SPEED														
(PVLG DRCTN)	1	12	12	12	12	9	11	10	9	11	10	13	13	11
MEAN SPEED														
(ALL OBS)	1	9	10	9	10	8	8	8	7	8	8	9	9	9
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	550	550	600	650	800	950	750	750	950	900	400	650	950
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	4	4	4	4	4	3	3	3	4	5	5	4
DAYS TSTMS	1	#	#	#	#	1	2	2	1	1	#	#	#	7
DAYS FOG LT 7	1	13	11	11	3	#	#	#	#	1	5	13	15	72
DAYS BNBD LT 7	1	1	1	2	3	2	3	2	3	3	1	#	#	21

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, PERIOD OF RECORD 10-30 YRS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	41	33	26	11	5	2	4	3	8	19	39	47	20
03-05 LST	45	36	33	18	5	4	3	3	5	20	38	47	21
06-08 LST	46	39	39	21	6	4	5	4	9	25	39	52	24
09-11 LST	54	44	42	21	7	5	5	4	9	24	46	57	26
12-14 LST	44	40	31	21	8	9	10	9	10	20	41	52	25
15-17 LST	43	35	31	19	10	10	8	8	10	20	37	47	23
18-20 LST	40	32	31	15	9	8	7	4	6	20	38	46	21
21-23 LST	41	33	29	12	5	4	3	4	5	14	37	47	19
ALL HOURS	44	36	33	17	7	6	5	5	8	20	39	49	23

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	29	21	9	2	2	2	2	6	12	32	42	16
03-05 LST	39	33	28	10	1	1	1	2	4	12	28	41	17
06-08 LST	41	35	33	16	2	1	3	2	6	18	32	44	19
09-11 LST	49	41	38	14	4	2	3	3	6	17	39	54	22
12-14 LST	39	34	24	13	5	6	8	6	6	12	31	46	19
15-17 LST	38	29	19	13	5	6	6	6	8	15	25	41	18
18-20 LST	35	30	24	12	5	6	5	4	5	13	29	41	17
21-23 LST	36	29	24	9	3	2	2	3	4	9	29	41	16
ALL HOURS	39	33	26	12	3	3	4	3	6	14	31	44	18

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	17	6	5	1	1	1	1	3	5	17	28	9
03-05 LST	25	18	14	4	#	0	0	1	2	6	13	27	9
06-08 LST	24	18	20	6	1	0	1	0	2	10	16	28	10
09-11 LST	33	24	19	7	2	1	1	1	1	8	25	41	14
12-14 LST	25	18	13	6	2	2	4	2	2	6	17	32	11
15-17 LST	22	13	11	6	3	2	2	2	1	5	13	28	9
18-20 LST	21	15	13	6	2	3	3	2	2	6	14	28	9
21-23 LST	23	17	10	3	1	1	1	2	2	4	16	29	9
ALL HOURS	24	17	13	5	1	1	2	1	2	6	16	30	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	6	3	2	#	#	1	0	1	1	6	8	3
03-05 LST	7	6	5	3	0	0	0	#	1	2	4	10	3
06-08 LST	8	4	7	3	0	0	1	0	2	5	7	10	4
09-11 LST	7	6	5	1	1	0	0	#	1	1	7	10	3
12-14 LST	5	4	2	2	1	1	2	1	1	#	3	7	2
15-17 LST	4	4	3	1	1	1	1	1	#	#	2	7	2
18-20 LST	5	3	2	2	1	1	2	1	#	1	3	8	2
21-23 LST	6	4	2	2	#	#	1	1	1	1	4	8	3
ALL HOURS	8	4	4	2	#	#	1	1	1	1	4	8	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GUR'YEV, RA
LOCATION: 4701N 5152E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 357000
ELEVATION (FEET): -51
PERIOD: 7301-8612

ICAO:
LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	0	1	0	0	#	0	0	0	#
03-05 LST	0	0	0	#	#	0	#	#	#	0	0	0	#
06-08 LST	#	0	0	0	0	0	#	0	0	0	0	0	#
09-11 LST	0	0	#	0	0	#	1	0	0	0	0	0	#
12-14 LST	0	#	0	0	#	1	0	#	#	0	#	0	#
15-17 LST	0	0	0	0	#	2	#	#	#	0	0	0	#
18-20 LST	#	0	0	#	0	1	1	#	0	0	0	0	#
21-23 LST	0	0	0	#	0	1	#	1	0	0	0	0	#
ALL HOURS	#	#	#	#	#	1	1	#	#	0	#	0	#

2. % FREQ RAIN AND/OR DRIZZLE: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	3	5	3	2	3	2	4	6	7	8	4
03-05 LST	2	4	2	5	4	2	2	3	2	5	4	4	3
06-08 LST	2	3	1	6	2	2	2	2	2	6	9	3	3
09-11 LST	2	2	4	5	4	3	4	3	4	5	7	5	4
12-14 LST	1	2	2	4	3	4	4	3	3	5	5	4	3
15-17 LST	1	3	3	4	4	4	4	2	2	5	5	6	4
18-20 LST	2	2	3	6	5	2	3	#	2	5	8	6	4
21-23 LST	3	2	3	6	4	3	2	1	2	4	7	5	4
ALL HOURS	2	2	3	5	4	3	3	2	3	5	7	5	4

3. % FREQ SNOW AND/OR ICE PELLETS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	7	5	0	0	0	0	0	0	1	1	8	3
03-05 LST	8	7	5	#	0	0	0	0	0	1	2	7	3
06-08 LST	10	9	5	0	0	0	0	0	0	1	2	7	3
09-11 LST	15	13	10	#	0	0	0	0	#	1	3	13	5
12-14 LST	12	11	6	1	0	0	0	0	0	#	2	10	4
15-17 LST	11	10	7	#	0	0	#	#	0	2	3	9	4
18-20 LST	8	7	7	#	0	#	0	0	0	1	2	6	3
21-23 LST	8	8	4	#	0	#	0	0	0	1	1	7	3
ALL HOURS	10	9	6	#	0	#	#	#	#	1	2	8	3

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS): (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	3	2	1	1	0	0	1	#	2	2	2
03-05 LST	3	4	4	3	1	0	#	0	1	1	2	2	2
06-08 LST	4	2	2	3	0	0	#	0	0	1	3	1	1
09-11 LST	2	3	2	3	1	1	1	#	1	#	2	3	2
12-14 LST	3	3	3	7	2	1	2	1	3	2	2	2	3
15-17 LST	2	3	4	5	1	2	2	1	2	2	3	1	2
18-20 LST	2	3	2	3	1	2	1	1	0	1	2	1	2
21-23 LST	2	3	4	2	1	#	2	1	1	#	2	2	2
ALL HOURS	3	3	3	4	1	1	1	1	1	1	2	2	2

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	14	5	4	1	1	1	1	2	4	14	23	8
03-05 LST	21	15	11	3	#	0	0	1	2	6	12	23	8
06-08 LST	22	14	18	6	1	0	1	0	2	9	13	25	9
09-11 LST	30	21	18	6	2	1	1	1	1	6	22	37	12
12-14 LST	21	16	11	5	2	2	4	2	2	6	15	29	10
15-17 LST	18	12	10	5	2	2	2	2	1	4	11	26	8
18-20 LST	17	13	11	5	2	3	3	2	2	4	11	24	8
21-23 LST	1	14	9	3	1	1	1	1	2	3	13	24	8
ALL HOURS	2	15	12	5	1	1	2	1	2	5	14	26	9

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	12	5	3	1	1	1	1	2	4	11	18	6
03-05 LST	16	12	9	3	0	0	0	1	1	5	8	19	6
06-08 LST	17	11	16	4	1	0	1	0	2	7	11	19	7
09-11 LST	23	18	15	6	1	1	1	1	1	5	17	30	10
12-14 LST	14	13	9	5	2	2	4	2	1	4	10	23	7
15-17 LST	13	10	9	4	2	2	2	2	1	4	8	22	7
18-20 LST	13	12	10	4	2	3	3	2	2	3	8	18	7
21-23 LST	15	13	8	3	1	1	1	1	1	2	9	19	6
ALL HOURS	16	13	10	4	1	1	2	1	1	4	10	21	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	8	4	3	#	1	1	1	1	2	8	13	4
03-05 LST	12	9	7	3	0	0	0	1	1	3	6	14	5
06-08 LST	14	8	12	4	#	0	1	0	2	5	8	12	6
09-11 LST	18	13	10	3	1	#	1	#	1	3	13	20	7
12-14 LST	10	10	5	3	1	1	3	1	1	1	7	16	5
15-17 LST	9	8	5	3	1	1	1	2	#	1	4	15	4
18-20 LST	9	8	7	3	1	2	2	2	1	2	6	14	5
21-23 LST	9	7	5	2	#	#	1	1	1	1	5	13	4
ALL HOURS	12	9	7	3	1	1	1	1	1	2	7	15	5

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	2	2	0	#	1	#	1	#	5	6	2
03-05 LST	6	5	3	2	0	0	0	#	1	1	3	8	2
06-08 LST	7	3	6	2	0	0	1	0	2	4	6	9	3
09-11 LST	6	4	3	1	#	0	0	0	#	1	5	9	2
12-14 LST	4	2	#	1	#	1	2	#	0	#	3	6	2
15-17 LST	3	2	2	1	#	#	1	#	#	#	1	6	1
18-20 LST	3	3	2	1	1	1	1	1	#	1	2	6	2
21-23 LST	5	3	2	1	0	#	1	1	1	#	3	6	2
ALL HOURS	5	3	2	1	#	#	1	#	1	1	3	7	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KARAGANDA, KAZAKHSTAN
 LOCATION: 4948N 7309E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 353940
 ELEVATION (FEET): 1821
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	45	39	60	86	95	104	100	98	89	78	68	104
MEAN DAILY MAX	1	15	15	26	51	65	76	79	74	65	45	29	47
MEAN	1	9	8	20	42	56	66	70	65	55	38	22	39
MEAN DAILY MIN	1	2	0	12	31	43	53	58	52	43	29	16	29
EXTREME MIN	1	-34	-37	-19	1	20	32	42	32	21	0	-35	-37
# DAYS GE 90	1	#	0	0	#	#	2	4	1	#	0	#	8
# DAYS LE 32	1	31	28	30	16	3	#	0	#	3	20	29	31
# DAYS LE 0	1	14	15	6	0	0	#	0	#	0	#	4	10
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	21	18	17	10	12	10	10	8	9	15	19	20
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	17	14	12	4	1	0	0	0	1	8	14	15
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (06 LST)	1	79	77	82	78	70	66	69	69	68	79	80	78
RH (15 LST)	1	72	70	68	44	34	31	33	33	35	53	68	72
VAPOR PRESS	1	.06	.06	.09	.16	.22	.29	.35	.29	.21	.16	.10	.07
DEWPOINT	1	3	2	14	28	35	42	48	43	34	27	16	7
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	SW	SW	E	E	\$W	\$NNE	N	\$N	\$W	SW	SW	\$SW
MEAN SPEED													
(PVLG DRCTN)	1	11	11	9	10	9	7	7	6	8	9	10	10
MEAN SPEED													
(ALL OBS)	1	7	8	7	8	8	7	7	6	7	7	7	7
MAX PEAK GUST	1	35	41	45	66	45	45	39	27	33	45	43	49
PRESSURE ALT	1	2250	2250	2300	2760	2750	2730	2700	2450	2500	2250	2350	2250
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	4	4	4	4	4	3	4	5	5	5
DAYS TSMS	1	#	#	#	1	4	7	7	4	1	#	#	#
DAYS FOG LT 7	1	9	9	13	10	5	3	4	5	5	8	11	10
DAYS BNBD LT 7	1	0	0	0	#	#	#	#	#	#	#	#	#

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(KARAGANDA, KAZAKHSTAN)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY.
2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	36	35	18	9	4	5	5	9	28	44	41	23
03-05 LST	38	42	40	23	13	7	9	7	11	33	46	43	26
06-08 LST	41	42	41	33	25	17	19	24	14	33	47	41	31
09-11 LST	60	61	56	45	21	17	20	24	31	46	59	59	42
12-14 LST	54	56	48	30	15	8	13	15	20	42	52	54	34
15-17 LST	45	45	42	24	16	8	12	10	13	35	47	47	29
18-20 LST	48	44	41	22	14	8	8	10	10	33	48	45	28
21-23 LST	36	35	35	21	13	8	10	11	12	27	43	42	24
ALL HOURS	45	45	42	27	16	10	12	13	15	35	48	46	30

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	33	32	13	5	2	3	4	5	21	35	36	19
03-05 LST	35	38	36	18	8	5	7	5	9	24	37	37	21
06-08 LST	36	36	35	28	22	14	16	21	12	26	39	36	27
09-11 LST	56	58	53	41	18	13	16	22	28	40	55	56	38
12-14 LST	53	54	46	22	10	6	7	8	14	33	48	51	29
15-17 LST	41	44	38	14	6	3	5	4	8	23	39	43	22
18-20 LST	46	42	37	14	6	1	3	5	6	26	41	39	22
21-23 LST	32	30	28	13	9	4	6	8	8	20	34	35	19
ALL HOURS	42	42	38	20	11	6	8	10	11	27	41	42	25

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	18	18	7	3	1	1	1	3	13	20	19	10
03-05 LST	21	22	22	10	5	2	2	2	5	14	25	24	13
06-08 LST	21	21	23	12	6	3	4	4	6	17	24	23	14
09-11 LST	26	25	22	13	4	2	2	3	8	18	26	29	15
12-14 LST	19	20	14	6	2	1	1	1	3	11	21	19	10
15-17 LST	13	12	10	4	2	1	1	#	1	8	16	14	7
18-20 LST	15	12	10	4	2	1	#	1	1	9	17	15	7
21-23 LST	16	15	14	5	2	1	1	1	2	11	19	19	9
ALL HOURS	19	18	17	8	3	2	2	1	4	13	21	20	11

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	4	1	#	#	#	0	#	1	3	2	1
03-05 LST	2	3	3	1	1	#	#	0	1	1	4	3	2
06-08 LST	4	3	4	3	1	1	1	1	2	2	2	3	2
09-11 LST	3	2	4	1	#	1	1	1	2	2	4	4	2
12-14 LST	2	2	1	1	#	#	0	#	1	1	2	1	1
15-17 LST	2	2	1	#	1	#	#	0	#	#	2	1	1
18-20 LST	3	1	1	#	0	#	0	#	0	1	2	1	1
21-23 LST	2	1	2	#	0	1	#	#	#	#	2	2	1
ALL HOURS	3	2	2	1	#	#	#	#	1	1	3	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KARAGANDA, KAZAKHSTAN
 LOCATION: 4948N 7309E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 353940
 ELEVATION (FEET): 1821
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	1	2	1	#	0	0	#	#
03-05 LST	#	#	0	#	#	1	1	1	0	0	0	#	#
06-08 LST	#	0	0	#	0	#	1	#	0	0	0	0	#
09-11 LST	#	0	#	0	#	0	1	0	0	#	#	0	#
12-14 LST	0	#	0	#	1	#	1	1	0	0	0	0	#
15-17 LST	0	0	#	#	2	3	3	2	#	0	0	#	1
18-20 LST	#	0	#	#	3	5	4	2	#	0	#	#	1
21-23 LST	0	0	0	#	2	4	4	3	1	#	#	#	1
ALL HOURS	#	#	#	#	1	2	2	1	#	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	2	6	6	4	4	4	5	7	4	1	4
03-05 LST	1	1	1	4	5	6	3	3	4	6	3	1	3
06-08 LST	1	#	2	5	6	4	4	4	5	9	3	1	4
09-11 LST	#	#	2	4	4	5	6	4	7	8	3	1	4
12-14 LST	1	#	1	5	7	6	5	5	4	6	3	1	4
15-17 LST	0	#	2	4	8	6	6	6	6	6	4	1	4
18-20 LST	#	1	1	6	8	7	6	6	5	5	4	1	4
21-23 LST	1	#	1	5	8	7	7	4	5	6	3	1	4
ALL HOURS	1	#	2	5	6	5	5	4	5	7	3	1	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	36	21	5	1	0	0	0	1	11	26	34	14
03-05 LST	35	36	23	6	#	0	0	0	2	11	25	33	14
06-08 LST	35	37	29	5	1	0	0	0	1	10	27	31	15
09-11 LST	40	35	32	7	2	0	0	0	1	12	28	32	16
12-14 LST	37	37	23	5	1	0	0	0	1	15	32	32	15
15-17 LST	32	28	20	6	1	0	0	0	1	15	26	26	13
18-20 LST	31	27	19	6	1	0	0	0	1	11	21	22	12
21-23 LST	30	28	18	5	1	0	0	0	#	9	23	27	12
ALL HOURS	35	33	23	6	1	0	0	0	1	12	26	30	14

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	#	1	#	#	0	#	1	1	1	1
03-05 LST	1	1	1	0	#	0	0	1	1	#	1	1	#
06-08 LST	3	3	2	3	2	2	1	2	2	3	2	3	2
09-11 LST	1	1	1	1	1	#	1	#	0	1	1	1	1
12-14 LST	1	1	1	1	#	1	1	1	1	1	1	1	1
15-17 LST	1	1	1	#	2	1	1	#	#	1	2	#	1
18-20 LST	1	1	1	1	1	1	#	#	#	1	1	#	1
21-23 LST	1	1	1	#	1	1	1	#	1	0	1	1	1
ALL HOURS	1	1	1	1	1	1	1	1	1	1	1	1	1

(KARAGANDA, KAZAKHSTAN)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY.
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	17	16	5	3	1	1	1	2	11	17	17	9
03-05 LST	17	21	18	9	5	1	2	2	4	11	21	20	11
06-08 LST	17	20	21	11	5	3	3	4	6	14	21	20	12
09-11 LST	21	21	20	13	3	1	2	2	7	15	22	27	13
12-14 LST	17	18	11	5	1	1	1	#	2	9	17	16	8
15-17 LST	10	9	6	3	2	1	1	0	1	6	13	11	5
18-20 LST	12	11	8	3	1	1	0	#	#	7	15	12	6
21-23 LST	14	13	12	3	2	1	1	1	1	10	16	17	8
ALL HOURS	16	16	14	6	3	1	1	1	3	10	18	18	9

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	8	8	2	1	#	#	#	1	5	9	7	4
03-05 LST	7	11	8	4	3	1	1	#	2	5	11	10	5
06-08 LST	9	11	10	6	3	2	3	3	3	7	11	9	6
09-11 LST	18	19	15	8	1	1	1	1	5	10	17	17	9
12-14 LST	15	16	8	3	1	#	#	#	1	5	12	12	6
15-17 LST	9	9	4	1	2	1	#	0	1	3	9	7	4
18-20 LST	10	7	5	2	1	1	0	#	#	4	10	7	4
21-23 LST	9	6	6	1	1	1	#	#	1	5	8	8	4
ALL HOURS	11	11	8	3	2	1	1	1	2	5	11	10	5

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	5	1	1	#	#	#	#	2	5	4	2
03-05 LST	3	7	5	2	1	1	#	#	1	2	7	6	3
06-08 LST	5	7	7	3	1	1	2	1	2	4	6	6	4
09-11 LST	4	4	5	1	#	1	1	1	2	2	6	6	3
12-14 LST	3	4	1	1	#	#	#	#	1	2	3	2	1
15-17 LST	3	3	1	1	1	#	#	0	#	#	3	2	1
18-20 LST	3	2	2	#	0	#	0	#	0	1	3	2	1
21-23 LST	4	3	4	#	0	1	#	#	1	2	4	3	2
ALL HOURS	4	4	4	1	1	1	#	#	1	2	5	4	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	#	1	#	#	#	#	0	0	#	2	1	1
03-05 LST	1	1	2	1	#	0	#	0	#	1	1	2	1
06-08 LST	2	2	2	2	1	1	#	1	1	1	1	1	1
09-11 LST	2	1	2	1	#	1	#	1	2	1	3	3	1
12-14 LST	1	1	1	#	#	#	0	#	#	#	1	1	1
15-17 LST	1	2	1	0	1	#	#	0	#	#	1	#	1
18-20 LST	2	#	1	#	0	#	0	#	0	#	1	#	#
21-23 LST	1	#	1	0	0	1	#	#	0	#	1	1	#
ALL HOURS	1	1	1	1	#	#	#	#	#	#	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KARKARALINSK, USSR
 LOCATION: 4925N, 7528E
 PREPARED BY: USAFETAC/ECR, NOV 1988

STATION #: 363350
 ELEVATION (FEET): 812
 PERIOD: 7301-8612

ICAO ID: N/A
 LST = GMT + 6

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	40	48	55	78	91	95	102	96	88	77	66	48	102
MEAN DLY MAX	1	16	16	26	49	62	72	75	70	61	44	29	19	45
MEAN	1	9	8	18	40	52	62	65	60	51	36	22	12	36
MEAN DLY MIN	1	2	0	9	29	40	50	52	47	38	27	14	4	26
EXTREME MIN	1	-30	-4	-23	-10	9	29	32	30	14	3	-19	-43	-43
# DAYS > 90	1	0	0	0	0	#	1	2	#	0	0	0	0	3
# DAYS < 32	1	31	28	30	20	7	#	#	1	5	22	29	31	204
# DAYS ≤ 0	1	15	14	9	#	0	0	0	0	0	0	4	12	54
2. PRECIPITATION (INCHES)														
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.01	1	9	8	9	7	6	7	6	5	5	10	10	8	90
# DAYS ≥ 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.1	1	6	6	6	2	1	#	0	#	#	4	6	5	37
# DAYS ≥ 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)														
RH (LST)	1	77	74	80	79	74	74	77	76	71	78	78	74	76
RH (LST)	1	77	76	77	67	56	56	57	56	58	70	76	74	67
VAPOR PRESS	1	.06	.05	.08	.16	.22	.30	.34	.29	.20	.15	.10	.06	.17
DEWPOINT	1	2	1	10	25	35	44	47	42	33	25	14	4	24
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	SSE	SSE	SSE	\$SSE	\$SSE	\$SSE	\$SSE	\$SSE	\$SSE	SW	SSE	SSE	\$SSE
MEAN SPEED														
(PVLG DRCTN)	1	8	9	9	8	7	7	7	7	7	14	9	9	8
MEAN SPEED														
(ALL OBS)	1	9	9	8	9	9	8	7	7	8	10	10	9	9
MAX (PK GST)	1	#	#	#	#	#	#	#	#	#	27	#	37	37
PRESSURE ALT		#	#	#	#	#	#	#	#	#	#	#	#	#
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	4	4	4	4	3	5	5	4	4
DAYS TSTMS	1	#	#	0	#	1	4	2	1	#	#	#	#	8
DAYS FOG < 7	1	3	3	5	4	1	#	1	2	1	1	2	4	27
DAYS BNBD < 7	1	#	#	#	#	#	#	#	#	0	0	#	#	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = \$ CALM > PVLG DRCTN
 * = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301 - 8612

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	15	16	18	14	6	3	4	3	4	13	18	20	11
06-08 LST	20	17	22	22	13	11	10	11	11	20	27	21	17
09-11 LST	26	20	24	19	5	6	5	5	8	20	27	23	16
12-14 LST	19	19	21	14	13	8	9	10	11	25	25	21	16
15-17 LST	16	15	16	14	6	5	6	4	6	15	21	14	12
18-20 LST	20	19	20	18	13	6	8	8	11	23	23	19	16
21-23 LST	14	18	19	15	8	7	7	5	7	15	19	18	13
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	13	15	17	10	4	1	3	2	3	11	18	18	9
06-08 LST	19	15	17	20	6	5	6	7	6	13	23	17	13
09-11 LST	24	18	21	17	4	5	2	4	6	19	26	19	14
12-14 LST	16	18	18	9	6	4	3	4	7	18	22	17	12
15-17 LST	14	15	15	10	2	3	3	2	4	13	20	13	9
18-20 LST	18	17	17	12	4	2	2	3	5	18	20	16	11
21-23 LST	12	16	16	12	6	4	4	2	5	11	17	16	10
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	8	8	9	3	2	#	2	1	1	4	8	8	4
06-08 LST	9	7	8	8	3	3	2	4	3	4	9	8	6
09-11 LST	13	13	12	9	2	3	1	3	3	11	14	10	8
12-14 LST	8	9	8	4	3	1	2	2	4	8	11	10	6
15-17 LST	9	9	9	6	1	#	1	#	3	7	12	8	5
18-20 LST	9	9	9	5	#	1	1	1	3	7	9	7	5
21-23 LST	6	8	8	4	3	2	3	1	3	5	8	8	5
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	1	3	1	1	#	1	#	#	1	2	3	1
06-08 LST	3	1	3	3	1	1	1	2	1	1	2	4	2
09-11 LST	3	4	2	4	#	0	#	1	1	3	1	2	2
12-14 LST	3	3	3	1	1	1	1	0	1	1	3	2	2
15-17 LST	3	2	1	1	#	#	#	0	#	1	3	2	1
18-20 LST	4	2	2	1	#	#	#	#	#	#	2	1	1
21-23 LST	3	2	2	#	1	1	1	#	1	1	2	3	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: KARKARALINSK, USSR
LOCATION: 4925N, 7528E
PREPARED BY: USAFETAC/ECR, NOV 1988

STATION #: 363350
ELEVATION (FEET): 812
PERIOD: 7301-8612

ICAO ID: N/A
LST = GMT + 6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	#	0	0	1	2	1	1	#	1	1	0	1
06-08 LST	0	0	0	#	#	1	0	0	#	#	1	0	#
09-11 LST	0	1	0	#	0	0	0	1	0	#	0	#	#
12-14 LST	0	0	0	#	1	2	1	1	0	#	#	0	1
15-17 LST	0	0	0	0	3	8	6	1	1	0	0	#	2
18-20 LST	#	0	#	#	3	6	4	3	1	#	0	#	1
21-23 LST	#	0	0	1	#	3	3	2	0	#	0	0	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	1	2	7	5	6	5	5	5	4	4	1	4
06-08 LST	1	0	2	8	5	7	5	3	7	5	2	1	4
09-11 LST	0	1	1	8	5	8	4	5	7	4	1	1	4
12-14 LST	0	1	2	6	5	7	6	6	8	4	1	2	4
15-17 LST	0	1	1	6	5	8	6	6	8	5	2	1	4
18-20 LST	1	#	2	7	6	9	7	7	6	7	3	2	5
21-23 LST	1	#	2	9	8	7	6	6	5	6	3	1	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	17	22	18	8	2	0	0	0	1	12	17	18	10
06-08 LST	19	21	17	10	2	0	0	0	#	14	21	17	10
09-11 LST	25	24	22	8	1	0	#	0	1	15	26	19	12
12-14 LST	20	21	21	8	3	0	0	0	1	16	22	18	11
15-17 LST	18	19	15	6	2	0	#	0	1	15	23	15	10
18-20 LST	17	21	17	8	1	0	0	0	2	13	21	16	10
21-23 LST	16	21	18	7	1	0	0	#	2	12	20	17	10
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	5	2	3	3	1	#	#	1	5	4	7	3
06-08 LST	4	5	1	3	2	1	#	1	1	2	6	5	2
09-11 LST	9	6	1	5	1	3	0	1	1	3	6	4	3
12-14 LST	6	8	4	6	6	2	1	3	3	5	6	4	4
15-17 LST	6	6	5	7	8	6	2	4	4	6	8	6	6
18-20 LST	6	3	2	4	4	4	1	2	2	4	5	5	3
21-23 LST	4	4	3	3	2	1	1	1	1	3	5	4	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301 - 8612

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	8	8	9	3	2	#	2	1	1	3	8	8	4
06-08 LST	9	7	8	8	3	3	2	4	2	4	9	8	6
09-11 LST	13	13	12	9	2	3	1	3	3	11	14	10	8
12-14 LST	8	9	8	4	3	1	2	1	4	8	11	10	6
15-17 LST	9	9	9	6	1	#	1	#	3	7	12	8	5
18-20 LST	9	9	9	5	#	1	1	1	3	7	9	7	5
21-23 LST	6	8	8	4	3	2	3	1	3	4	9	8	5
ALL HRS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	7	6	9	3	2	#	1	1	1	3	6	7	4
06-08 LST	8	5	7	8	2	3	2	4	2	3	7	7	5
09-11 LST	12	11	10	9	2	3	1	3	2	10	14	10	7
12-14 LST	8	9	8	4	3	1	2	1	3	7	10	9	5
15-17 LST	9	9	9	6	1	#	1	#	2	7	12	8	5
18-20 LST	9	8	8	5	#	1	1	1	2	6	8	6	5
21-23 LST	5	7	7	4	2	2	3	1	2	3	8	7	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	4	3	5	2	1	#	1	1	#	3	3	5	2
06-08 LST	4	2	4	4	1	1	2	2	2	2	3	6	3
09-11 LST	6	5	3	4	#	0	#	2	2	4	4	5	3
12-14 LST	4	5	3	2	1	1	1	1	2	2	4	5	3
15-17 LST	4	4	3	2	1	#	1	#	1	1	5	4	2
18-20 LST	5	3	3	1	#	#	1	#	1	2	3	3	2
21-23 LST	4	4	4	1	1	1	1	#	1	1	3	5	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	1	3	#	1	#	1	#	#	1	1	2	1
06-08 LST	1	1	2	2	1	#	1	2	1	1	1	3	1
09-11 LST	2	3	1	3	0	0	#	1	1	1	1	2	1
12-14 LST	2	2	2	1	1	0	1	#	1	1	1	1	1
15-17 LST	2	2	1	1	#	#	#	0	#	1	1	2	1
18-20 LST	3	1	1	1	#	#	#	#	#	#	1	1	1
21-23 LST	2	1	2	#	1	1	1	#	1	1	2	2	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KAYNAR, USSR
 LOCATION: 4912N, 7722E
 PREPARED BY: USAFETAC/ECR, NOV 1988

STATION #: 363580
 ELEVATION (FEET): 842
 PERIOD: 7301-8612

ICAO ID: N/A
 LST = GMT +6

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	42	43	55	82	86	91	108	101	83	79	63	43	108
MEAN DLY MAX	13	14	25	48	62	72	76	72	61	44	26	17	44
MEAN	7	6	18	40	53	64	67	62	52	36	21	10	36
MEAN DLY MIN	0	-1	9	30	41	52	55	49	39	27	13	2	26
EXTREME MIN	-32	-34	-30	-8	15	32	38	28	18	-2	-17	-32	-34
# DAYS > 90	0	0	0	0	0	1	2	1	0	0	0	0	4
# DAYS < 32	31	28	30	18	5	0	0	0	5	24	29	31	201
# DAYS ≥ 0	17	17	8	0	0	0	0	0	0	0	5	14	62
2. PRECIPITATION (INCHES)													
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.04	2	3	3	4	4	4	4	2	3	4	4	3	40
# DAYS ≥ 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	2	2	2	1	0	0	0	0	0	2	3	2	14
# DAYS ≥ 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (06 LST)	74	75	77	74	68	67	69	70	69	75	77	73	72
RH (09 LST)	77	75	75	65	51	50	53	55	63	75	75	71	65
VAPOR PRESS	.05	.05	.08	.15	.20	.28	.33	.28	.20	.14	.09	.06	.16
DEWPOINT	0	0	10	25	32	42	46	42	33	24	12	2	22
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLC DRCTN	\$S	\$S	\$S	\$N	\$N	\$N	\$N	\$N	\$N	\$S	\$S	\$S	\$S
MEAN SPEED													
(PVLC DRCTN)	9	8	8	7	8	7	6	7	6	8	8	8	8
MEAN SPEED													
(ALL OBS)	6	6	5	5	5	4	4	4	4	5	6	5	5
MAX (PK GST)	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	0	0	0	0	0	0	0	0	0	0	0	0	0
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	4	4	4	4	4	4	4	3	3	4	4	4	4
DAYS TSTMS	0	0	0	0	0	1	1	0	0	0	0	0	2
DAYS FOG < 7	9	10	14	5	1	0	0	1	1	2	5	5	53
DAYS BNBD < 7	0	0	0	0	0	0	0	0	0	0	0	0	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM > PVLG DRCN
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	50	0	#	#	33	0	0	50	0	#	11
03-05 LST	16	17	25	17	15	16	17	15	13	19	21	14	17
06-08 LST	19	18	20	21	16	13	14	14	15	20	22	15	17
09-11 LST	20	25	25	21	13	15	11	11	15	19	23	17	18
12-14 LST	19	20	21	15	20	17	16	17	17	23	19	15	18
15-17 LST	16	19	18	19	21	20	25	19	17	19	20	16	19
18-20 LST	17	18	19	18	19	20	23	22	16	20	22	15	19
21-23 LST	16	21	23	15	16	17	16	16	11	15	25	17	17
ALL HOURS	15	17	25	17	1	15	19	14	13	23	19	13	17

8. % FREQ OF CIG/VIS < 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	50	0	#	#	0	0	0	50	0	#	8
03-05 LST	16	17	23	13	7	3	3	3	5	11	18	13	11
06-08 LST	18	18	19	16	5	1	2	3	5	9	18	14	11
09-11 LST	20	25	24	13	6	2	3	0	4	15	20	16	12
12-14 LST	19	20	21	8	4	2	1	2	3	11	18	14	10
15-17 LST	15	19	18	9	3	3	3	3	4	9	17	15	10
18-20 LST	16	18	19	10	3	1	1	4	3	9	19	14	10
21-23 LST	16	20	21	9	5	3	2	2	3	10	21	16	11
ALL HOURS	15	17	24	10	4	2	2	2	3	15	16	13	10

9. % FREQ OF CIG/VIS < 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	#	0	0	0	50	0	#	4
03-05 LST	8	5	11	7	6	2	2	2	2	7	11	8	6
06-08 LST	9	6	10	11	4	1	2	2	3	6	12	9	6
09-11 LST	10	8	16	9	5	2	2	0	3	10	15	7	7
12-14 LST	9	9	7	5	2	1	#	1	2	8	12	7	5
15-17 LST	8	7	7	4	2	2	2	1	2	5	10	6	5
18-20 LST	7	7	10	4	2	#	1	2	1	6	12	7	5
21-23 LST	6	7	10	4	4	2	1	1	2	7	14	10	6
ALL HOURS	7	6	9	6	3	1	1	1	2	12	11	7	6

10. % FREQ OF CIG/VIS < 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	#	0	0	0	0	0	#	0
03-05 LST	3	1	4	2	2	1	1	#	1	2	3	2	2
06-08 LST	4	1	3	3	2	0	1	0	1	1	2	1	2
09-11 LST	4	2	4	1	0	0	1	0	1	3	3	1	2
12-14 LST	2	1	1	1	1	#	0	#	#	1	1	1	1
15-17 LST	1	1	1	1	1	1	2	1	1	1	1	1	1
18-20 LST	1	1	2	1	#	#	#	#	#	#	2	2	1
21-23 LST	1	2	3	2	2	1	#	#	1	1	3	3	2
ALL HOURS	2	1	2	1	1	#	1	#	1	1	2	1	1

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: KAYNAR, USSR
LOCATION: 4912N, 7722E
PREPARED BY: USAFETAC/ECR, NOV 1988

STATION #: 363580
ELEVATION (FEET): 842
PERIOD: 7301-8612

ICAO ID: N/A
LST = GMT +6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	1	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	1	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	2	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	1	1	0	0	0	0	0	0
15-17 LST	0	0	0	0	1	3	2	0	1	0	0	0	1
18-20 LST	0	0	0	0	1	2	3	1	0	0	0	0	1
21-23 LST	0	0	0	0	0	1	2	1	0	0	0	0	0
ALL HOURS	0	0	0	0	0	1	1	0	0	0	0	0	0

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	2	4	2	2	1	3	1	1	0	1
06-08 LST	0	1	1	3	3	2	3	1	3	1	2	0	2
09-11 LST	0	1	1	4	0	2	1	1	4	2	1	0	1
12-14 LST	0	0	1	2	3	4	2	2	3	3	1	0	2
15-17 LST	0	0	1	2	2	5	5	2	4	2	1	1	2
18-20 LST	0	1	1	3	4	4	4	3	4	2	2	0	2
21-23 LST	0	0	0	2	3	4	2	2	1	2	0	0	1
ALL HOURS	0	0	0	2	2	3	2	1	3	2	1	0	1

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	50	0	4
03-05 LST	3	4	2	3	1	0	0	0	0	3	5	2	2
06-08 LST	4	3	2	3	2	0	0	0	1	4	4	3	2
09-11 LST	4	5	7	2	1	0	0	0	0	7	6	4	3
12-14 LST	3	5	3	3	2	1	0	0	1	4	5	3	2
15-17 LST	4	2	5	2	1	0	0	0	0	4	7	5	3
18-20 LST	3	4	5	4	0	0	0	0	0	2	5	3	2
21-23 LST	3	4	3	2	0	0	0	0	1	3	7	4	2
ALL HOURS	3	3	3	2	1	0	0	0	0	3	11	3	3

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	1	0	1	1	0	0	0	0	0	0	0	0	0
06-08 LST	1	0	0	0	1	0	0	0	0	0	1	0	0
09-11 LST	0	1	1	0	0	0	0	1	0	0	0	0	0
12-14 LST	2	1	1	1	1	0	0	1	0	1	1	1	1
15-17 LST	2	1	1	1	0	0	0	1	0	1	1	0	1
18-20 LST	2	0	0	1	1	0	0	0	0	0	1	1	0
21-23 LST	1	0	0	0	0	0	0	0	0	0	0	1	0
ALL HOURS	1	0	0	0	0	0	0	0	0	0	1	0	0

REMARKS: # = DATA NOT AVAILABLE, 0 = 0.0 < 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	#	0	0	0	50	0	#	4
03-05 LST	8	5	11	7	6	2	2	2	2	7	11	8	6
06-08 LST	9	6	10	11	4	1	2	2	3	6	12	9	6
09-11 LST	10	8	16	9	5	2	2	0	3	10	15	7	7
12-14 LST	9	9	7	5	2	1	#	1	2	8	12	7	5
15-17 LST	8	7	7	4	2	2	2	1	2	5	10	6	5
18-20 LST	7	7	10	4	2	#	1	2	1	6	12	7	5
21-23 LST	6	7	10	4	4	2	1	1	2	7	14	10	6
ALL HOURS	7	6	9	6	3	1	1	1	2	12	11	7	6

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	#	0	0	0	50	0	#	4
03-05 LST	6	4	9	6	6	2	2	2	2	4	8	6	5
06-08 LST	8	5	9	9	4	1	2	1	3	3	7	6	5
09-11 LST	8	7	14	7	4	2	2	0	3	9	10	6	6
12-14 LST	8	8	6	4	1	1	#	1	2	5	7	5	4
15-17 LST	6	5	5	4	2	2	2	1	2	3	6	5	4
18-20 LST	5	6	9	4	2	#	1	2	1	3	7	6	4
21-23 LST	4	7	8	4	4	2	1	1	2	4	10	8	4
ALL HOURS	6	5	8	5	3	1	1	1	2	10	7	5	4

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	#	0	0	0	0	0	#	0
03-05 LST	3	1	4	2	2	1	1	#	1	3	3	2	2
06-08 LST	5	1	4	3	2	0	1	0	1	2	2	2	2
09-11 LST	4	2	4	1	0	0	1	0	1	3	3	1	2
12-14 LST	3	1	1	1	1	#	0	#	#	1	1	2	1
15-17 LST	1	1	1	1	1	1	2	1	1	1	1	1	1
18-20 LST	1	1	2	1	#	#	#	#	#	#	2	2	1
21-23 LST	1	2	3	2	2	1	#	#	1	1	3	4	2
ALL HOURS	2	1	3	1	1	#	1	#	1	1	2	2	1

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	#	0	0	0	0	0	#	0
03-05 LST	2	1	4	2	2	1	1	#	1	1	3	1	2
06-08 LST	3	1	3	2	2	0	1	0	1	1	1	1	1
09-11 LST	3	2	3	1	0	0	1	0	1	3	3	1	2
12-14 LST	1	1	1	1	1	#	0	#	0	1	1	1	1
15-17 LST	1	1	#	1	1	1	2	#	1	1	1	1	1
18-20 LST	1	1	1	1	#	#	#	#	#	#	1	2	1
21-23 LST	1	1	3	2	2	1	#	#	1	1	2	2	1
ALL HOURS	2	1	2	1	1	#	1	#	1	1	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KAZALINSK, USSR
LOCATION: 45°46'N, 62°07'E
PREPARED BY USAFETAC/ECR JUN 1986

STATION #: 358490
ELEVATION (FEET): 223
PERIOD: VARIED

ICAO ID:
LST - GMT +5

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	52	70	81	95	104	109	111	109	100	90	75	55	111
MEAN DLY MAX	2	20	23	39	62	78	87	91	88	76	59	40	26	57
MEAN	1	13	14	30	54	67	77	83	76	64	46	33	21	49
MEAN DLY MIN	2	5	7	20	39	53	62	65	62	49	36	23	12	36
EXTREME MIN	2	-40	-29	-24	10	27	39	48	45	25	7	-29	-27	-40
# DAYS > 90	2	0	0	0	0	6	13	21	16	3	0	0	0	59
# DAYS > 32	2	24	20	7	0	0	0	0	0	0	0	7	21	79
# DAYS > 0	2	8	7	1	0	0	0	0	0	0	0	1	7	24
2. PRECIPITATION (INCHES)														
MAXIMUM	2	1.1	0.9	2.0	1.4	1.7	0.9	1.8	3.3	0.9	1.3	0.9	0.7	8.4
MEAN	2	0.4	0.4	0.5	0.4	0.5	0.4	0.3	0.3	0.3	0.5	0.5	0.5	5.0
MINIMUM	2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0	0.1	2.5
MAX 24 HR	2	0.8	0.8	0.6	0.7	1.3	0.8	0.6	1.0	0.9	0.6	0.9	0.6	1.3
# DAYS > 0.004	2	8	5	4	4	3	3	2	2	2	4	4	6	47
# DAYS > 0.5	2	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS	2	10	9	7	0	0	0	0	0	0	1	5	8	41
# DAYS > 1.5	2	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (05 LST)	1	78	76	80	70	61	59	56	56	64	73	81	78	69
RH (17 LST)	1	72	65	56	35	27	23	22	23	29	46	61	69	44
VAPOR PRESS	1	.08	.08	.13	.21	.27	.35	.41	.35	.27	.19	.15	.10	.22
DEWPOINT	1	17	17	23	34	40	47	52	47	40	32	25	20	35
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$NE	\$NE	\$NE	\$NE	\$NE	\$NW	\$NW	\$NE	\$NE	\$NE	\$E	\$E	\$NE
MEAN SPEED														
(PVLG DRCTN)	1	6	7	7	7	6	6	6	5	4	5	6	7	6
MEAN SPEED														
(ALL OBS)	1	5	6	6	6	5	4	4	4	4	4	4	5	5
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	1150	1250	1250	1300	1300	1400	1650	1500	1250	1100	850	1050	1650
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	3	2	2	1	2	3	4	4	3
DAYS TSTMS	1	0	0	0	1	1	1	1	1	0	1	0	0	6
DAYS FOG < 7	1	6	4	3	0	0	0	0	0	0	1	3	6	24
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS
 APPLICABLE \$ = % CALM > PVLG DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	26	17	13	8	3	1	2	1	2	11	19	28	11
03-05 LST	25	18	16	7	5	4	1	1	3	12	21	26	12
06-08 LST	28	21	19	10	4	4	3	1	4	13	20	30	14
09-11 LST	27	19	14	10	4	3	2	1	3	11	22	28	12
12-14 LST	22	14	9	12	6	4	2	3	3	13	22	27	11
15-17 LST	23	15	10	10	7	4	2	2	3	11	23	28	11
18-20 LST	21	14	10	7	4	1	1	1	2	8	18	27	10
21-23 LST	24	14	12	7	2	2	2	2	2	11	20	30	11
ALL HOURS	24	16	13	9	4	3	2	2	3	11	21	28	11

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	13	6	4	1	1	1	1	1	4	9	17	6
03-05 LST	17	12	9	3	2	2	1	1	2	5	11	16	7
06-08 LST	19	14	11	3	2	2	1	0	3	6	11	17	8
09-11 LST	18	11	6	3	2	1	1	1	2	4	10	17	6
12-14 LST	15	6	3	4	2	2	1	1	2	4	8	15	5
15-17 LST	15	7	4	3	2	1	2	#	2	4	8	14	5
18-20 LST	14	7	4	2	2	1	1	#	1	3	8	14	5
21-23 LST	17	9	6	3	#	1	#	1	1	4	10	17	6
ALL HOURS	17	10	6	3	2	1	1	1	2	4	9	16	6

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	3	2	1	#	1	1	1	3	4	10	4
03-05 LST	11	7	6	1	1	2	#	#	1	3	6	9	4
06-08 LST	10	10	7	1	#	1	1	0	2	5	7	9	5
09-11 LST	8	6	3	2	1	1	1	1	1	1	6	8	3
12-14 LST	6	2	1	2	1	1	1	1	1	1	4	4	2
15-17 LST	5	3	2	1	1	1	1	#	1	2	5	4	2
18-20 LST	5	5	3	1	#	1	1	#	1	1	4	8	3
21-23 LST	10	5	3	1	0	1	#	1	1	1	6	10	3
ALL HOURS	8	5	3	1	1	1	1	1	1	2	5	8	3

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	6	3	1	0	0	1	#	1	2	4	9	3
03-05 LST	7	5	5	1	1	1	0	0	1	2	4	8	3
06-08 LST	9	9	7	1	0	#	1	0	2	4	5	7	4
09-11 LST	6	4	2	1	#	0	#	#	#	#	4	8	2
12-14 LST	4	1	1	1	1	#	1	#	#	#	2	4	1
15-17 LST	3	2	1	1	1	#	#	#	1	1	3	3	1
18-20 LST	3	3	2	#	#	0	1	#	0	1	3	7	2
21-23 LST	7	4	1	1	0	1	#	#	0	1	5	8	2
ALL HOURS	6	4	2	1	#	#	#	#	#	1	4	7	2

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: KAZALINSK, USSR
 LOCATION: 45°46'N, 62°07'E
 PREPARED BY USAFETAC/ECR JUN 1986

STATION #: 358490
 ELEVATION (FEET): 223
 PERIOD: JAN 73 - DEC 85

ICAO ID:
 LST - GMT +5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	0	1	#	0	0	0	0	0	#
03-05 LST	0	0	0	#	#	1	1	1	0	0	0	0	#
06-08 LST	0	0	0	0	0	1	1	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	#	#	0	1	0	0	0	#
12-14 LST	0	0	0	0	#	1	1	#	0	0	0	0	#
15-17 LST	0	0	#	#	0	#	0	#	0	0	0	0	#
18-20 LST	0	0	#	0	#	0	0	0	0	#	0	0	#
21-23 LST	0	0	0	0	#	#	1	#	0	#	0	0	#
ALL HOURS	0	0	#	#	#	#	#	#	#	#	0	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	4	1	1	#	1	2	4	5	2	2
03-05 LST	1	1	2	4	2	1	1	1	1	3	4	2	2
06-08 LST	#	1	3	4	3	2	1	2	1	3	3	1	2
09-11 LST	0	2	2	3	2	1	1	1	1	4	3	2	2
12-14 LST	0	1	2	4	4	1	1	2	2	4	5	3	2
15-17 LST	1	1	1	3	3	2	1	1	#	5	6	2	2
18-20 LST	1	1	1	2	2	1	1	1	2	5	6	1	2
21-23 LST	1	1	1	5	1	#	1	1	2	5	5	1	2
ALL HOURS	1	1	2	4	2	1	1	1	1	4	5	2	2

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	4	3	0	0	0	0	0	0	1	2	5	2
03-05 LST	4	3	3	0	0	0	0	0	0	1	3	5	2
06-08 LST	6	7	4	0	0	0	0	0	0	0	2	6	2
09-11 LST	11	7	2	#	0	0	0	0	#	1	3	8	3
12-14 LST	7	5	1	0	0	0	0	0	0	1	2	6	2
15-17 LST	7	5	3	0	0	0	0	0	#	1	1	7	2
18-20 LST	6	4	3	0	0	0	0	0	0	1	1	6	2
21-23 LST	6	3	4	0	0	0	0	0	0	1	1	6	2
ALL HOURS	7	5	3	#	0	0	0	0	#	1	2	6	2

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	2	0	0	#	0	0	1	0	#	#
03-05 LST	1	1	1	1	1	1	0	0	0	0	1	1	1
06-08 LST	1	1	0	1	#	0	0	#	#	#	0	0	#
09-11 LST	#	1	1	1	1	#	0	#	0	1	0	0	#
12-14 LST	2	#	1	1	1	0	#	0	1	0	#	1	1
15-17 LST	1	0	2	1	#	1	#	#	#	0	1	#	1
18-20 LST	1	1	#	#	#	1	0	0	0	1	#	0	#
21-23 LST	1	0	1	1	0	1	#	0	0	0	#	0	#
ALL HOURS	1	#	1	1	#	#	#	#	#	#	#	#	#

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73 - DEC 85, THREE HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	3	2	1	#	1	1	1	3	4	10	4
03-05 LST	11	7	6	1	1	2	#	#	1	3	6	9	4
06-08 LST	10	10	7	1	#	1	1	0	2	5	7	9	5
09-11 LST	8	6	3	2	1	1	1	1	1	1	6	8	3
12-14 LST	6	2	1	2	1	1	1	1	1	1	4	4	2
15-17 LST	5	3	2	1	1	1	1	#	1	2	5	4	2
18-20 LST	5	5	3	1	#	1	1	#	1	1	4	8	3
21-23 LST	10	5	3	1	0	1	#	1	1	1	6	10	3
ALL HOURS	8	5	3	1	1	1	1	1	1	2	5	8	3

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	7	3	1	1	#	1	1	1	3	4	10	3
03-05 LST	10	6	6	1	1	1	0	#	1	3	6	9	4
06-08 LST	10	10	7	1	0	1	1	0	2	5	7	8	5
09-11 LST	8	5	3	2	1	#	1	#	1	1	5	8	3
12-14 LST	6	2	1	2	1	1	1	#	1	1	3	4	2
15-17 LST	5	3	2	1	1	#	1	#	1	2	4	4	2
18-20 LST	5	5	3	1	#	1	1	#	1	1	4	8	2
21-23 LST	10	5	3	1	0	1	#	#	1	1	6	10	3
ALL HOURS	8	5	3	1	1	1	1	#	1	2	5	8	3

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	6	3	1	1	#	1	#	1	3	4	10	3
03-05 LST	8	6	6	1	1	1	0	#	1	3	5	8	3
06-08 LST	9	9	7	1	0	1	1	0	2	5	7	8	4
09-11 LST	6	5	3	2	1	0	#	#	1	#	5	8	2
12-14 LST	5	1	1	2	1	1	1	#	1	1	3	4	2
15-17 LST	3	3	2	1	1	#	1	#	1	1	4	3	2
18-20 LST	4	3	3	1	#	0	1	#	1	#	4	8	2
21-23 LST	8	5	2	1	0	1	#	#	1	#	5	9	3
ALL HOURS	6	5	3	1	1	1	1	#	1	2	4	7	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	#	0	0	1	#	0	1	2	4	1
03-05 LST	2	1	3	1	#	1	0	0	1	1	3	3	1
06-08 LST	2	3	3	#	0	#	1	0	1	2	1	1	1
09-11 LST	1	#	2	#	#	0	#	#	#	#	1	3	1
12-14 LST	1	1	1	1	1	0	1	#	#	#	1	2	1
15-17 LST	1	1	1	0	1	#	0	#	#	1	2	2	1
18-20 LST	#	2	1	#	0	0	1	#	0	1	1	3	1
21-23 LST	3	2	1	0	0	#	0	#	0	#	3	4	1
ALL HOURS	1	1	2	#	#	#	#	#	#	1	2	3	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PAVLODAR
LOCATION: 52°17'N, 76°58'E
PREPARED BY: USAFETAC/ECR, OCT 1988

STATION #: 360030
ELEVATION (FEET): 479
PERIOD: VARIED

ICAO ID:
LST - GMT +6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	39	38	68	82	99	99	108	96	93	77	57	108
MEAN DLY MAX	1	10	10	25	51	66	78	80	74	65	45	27	46
MEAN	1	3	3	18	42	56	69	71	65	55	38	21	37
MEAN DLY MIN	1	-5	-6	8	31	43	56	59	53	43	29	13	27
EXTREME MIN	1	-50	-39	-26	-3	18	34	47	39	24	-3	-31	-50
# DAYS > 90	1	0	0	0	1	5	5	5	2	#	0	0	13
# DAYS < 32	1	31	28	30	17	4	0	0	0	2	19	29	191
# DAYS ≥ 0	1	21	19	10	#	0	0	0	0	#	6	15	71
2. PRECIPITATION (INCHES)													
MAXIMUM													
MEAN	2	0.4	0.4	0.6	0.3	0.7	1.7	1.7	1.2	0.9	0.8	0.8	10.0
MINIMUM													
MAX 24 HR													
# DAYS > 0.04	2	8	10	7	3	7	8	10	8	6	12	10	98
# DAYS ≥ 0.5													
3. SNOWFALL (INCHES)													
MEAN													
MAXIMUM													
MAX 24 HR													
# DAYS WITH SNOWFALL	2	15	11	11	3	1	0	0	0	#	9	14	79
# DAYS ≥ 1.5													
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (06 LST)	1	79	80	86	82	70	71	76	79	77	82	83	75
RH (15 LST)	1	75	74	73	42	33	32	38	38	38	55	73	54
VAPOR PRESS	1	.05	.05	.09	.16	.22	.33	.41	.35	.24	.17	.10	.06
DEWPOINT	1	-2	-1	13	28	34	46	52	47	38	28	15	25
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	S	W	W	W	W	W	NNE	W	W	W	W	S
MEAN SPEED													
(PVLG DRCTN)	1	7	10	9	10	10	8	8	8	8	11	10	7
MEAN SPEED													
(ALL OBS)	1	8	9	8	9	9	7	7	7	7	8	9	8
MAX (PK GST)	1	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	1380	1430	1380	1780	1880	1730	2080	1730	1580	1530	1580	1630
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	4	4	4	4	4	4	5	6	5
DAYS TSMS	1	#	#	#	#	2	4	7	4	1	#	0	24
DAYS FOG < 7	1	8	7	9	3	1	#	1	2	1	4	6	49
DAYS BNBD < 7	1												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		ANN											

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ - % CALM > PVLG DICTN
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2. NATIONAL INTELLIGENCE SURVEY, POR 45 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	23	17	32	13	8	2	5	5	7	21	36	30	16
06-08 LST	29	23	31	21	11	6	9	12	13	27	41	29	21
09-11 LST	42	46	39	27	13	9	11	13	16	35	48	41	28
12-14 LST	37	36	32	19	13	7	8	8	13	29	40	36	23
15-17 LST	28	25	26	17	11	7	6	8	12	29	36	31	20
18-20 LST	26	23	27	9	7	4	3	3	7	21	35	22	16
21-23 LST	20	16	22	9	8	4	4	5	7	19	35	26	15
ALL HOURS	29	27	30	16	10	6	7	8	11	26	39	31	20

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	16	13	21	9	4	1	4	2	3	13	22	22	11
06-08 LST	20	16	25	16	6	4	6	7	6	16	26	19	14
09-11 LST	35	42	35	20	6	6	8	11	10	24	39	35	23
12-14 LST	32	34	27	11	5	3	3	4	6	17	29	30	17
15-17 LST	22	23	20	7	5	2	2	2	5	13	27	24	13
18-20 LST	20	20	21	4	3	2	2	2	3	9	23	13	10
21-23 LST	13	12	15	5	4	2	2	3	3	9	24	18	9
ALL HOURS	23	23	23	10	5	3	4	4	5	14	27	23	14

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	11	10	14	5	3	1	2	1	2	8	16	14	7
06-08 LST	15	12	16	9	2	2	2	3	4	10	16	14	9
09-11 LST	15	16	17	10	3	4	4	5	5	12	24	17	11
12-14 LST	9	10	10	5	3	2	1	1	3	10	14	10	6
15-17 LST	6	8	8	3	2	1	1	#	2	7	15	10	5
18-20 LST	6	7	7	2	2	1	1	#	1	5	12	7	4
21-23 LST	8	7	8	4	2	2	1	1	2	5	16	11	5
ALL HOURS	10	10	11	5	2	2	2	2	3	8	16	12	7

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	3	3	6	1	1	#	1	0	#	2	4	5	2
06-08 LST	4	4	7	3	0	0	#	#	1	3	3	4	2
09-11 LST	5	3	5	2	0	1	1	#	1	3	4	5	2
12-14 LST	1	2	2	1	1	#	0	0	#	1	#	1	1
15-17 LST	1	2	1	1	0	0	#	#	0	1	1	1	1
18-20 LST	1	2	#	1	#	0	#	#	#	1	1	2	1
21-23 LST	2	2	1	1	#	1	#	0	#	1	3	3	1
ALL HOURS	2	3	3	1	#	#	1	#	1	2	2	3	1

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: PAVLODAR
LOCATION: 52°17'N, 76°58'E
PREPARED BY: USAFETAC/ECR, OCT 1988

STATION #: 360030
ELEVATION (FEET): 479
PERIOD: 7301-8612

ICAO ID:
LST = GMT +6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	#	0	0	0	0	1	2	2	0	#	0	#	1
06-08 LST	#	0	0	#	#	#	1	#	#	#	0	0	#
09-11 LST	#	0	0	0	0	1	2	#	0	0	0	0	#
12-14 LST	0	#	#	0	#	#	1	1	0	0	0	#	#
15-17 LST	0	0	0	0	1	4	2	2	#	0	0	1	1
18-20 LST	0	0	0	#	1	5	4	2	1	0	0	0	1
21-23 LST	#	0	#	0	1	2	3	2	0	0	0	0	1
ALL HOURS	#	#	#	#	1	2	2	1	#	#	0	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	2	0	#	5	6	5	4	7	4	6	2	0	3
06-08 LST	0	#	1	2	6	4	4	3	8	8	3	1	3
09-11 LST	#	1	3	3	10	5	6	7	9	7	3	0	5
12-14 LST	0	0	1	3	7	5	5	5	5	6	2	1	3
15-17 LST	0	0	1	3	7	7	4	4	4	7	3	1	3
18-20 LST	0	0	1	4	4	8	5	4	5	9	3	1	4
21-23 LST	#	#	2	4	5	6	5	5	8	7	2	1	4
ALL HOURS	#	#	1	3	6	6	5	5	6	7	3	1	4

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	16	14	14	4	#	0	0	0	#	6	14	18	7
06-08 LST	22	18	13	4	1	0	0	0	1	7	23	20	9
09-11 LST	23	16	21	6	1	0	0	0	#	11	24	18	10
12-14 LST	20	16	10	2	1	0	0	0	#	7	24	21	8
15-17 LST	13	15	9	2	#	0	0	0	#	7	20	17	7
18-20 LST	14	13	13	2	1	0	0	0	0	5	16	11	6
21-23 LST	14	13	9	2	#	0	0	0	0	5	14	18	6
ALL HOURS	17	15	13	3	1	0	0	0	#	7	19	18	8

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	2	1	1	1	#	0	1	0	0	1	0	#	1
06-08 LST	1	1	#	1	#	0	0	0	0	1	#	#	#
09-11 LST	1	2	1	2	1	0	0	#	0	1	#	#	1
12-14 LST	2	2	1	2	#	#	#	0	#	#	1	1	1
15-17 LST	1	1	1	2	1	1	0	#	1	#	1	1	1
18-20 LST	1	2	1	1	1	#	0	1	0	2	#	#	1
21-23 LST	#	1	1	1	1	#	#	#	1	1	1	#	1
ALL HOURS	1	1	1	1	1	#	#	#	#	1	1	1	1

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	10	9	12	4	2	1	2	1	1	7	14	13	6
06-08 LST	12	12	13	7	1	1	2	2	3	8	11	11	7
09-11 LST	13	15	14	8	2	3	3	3	3	11	21	15	9
12-14 LST	8	9	8	3	3	1	#	1	2	7	11	8	5
15-17 LST	5	8	6	3	1	1	0	#	2	5	11	8	4
18-20 LST	4	7	6	2	1	#	#	#	1	4	9	5	3
21-23 LST	7	6	6	3	1	1	1	1	1	4	12	9	4
ALL HOURS	8	9	9	4	2	1	1	1	2	7	13	10	5

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	6	6	8	3	1	1	1	#	1	3	8	9	4
06-08 LST	8	9	10	5	#	#	#	1	2	5	7	9	5
09-11 LST	9	10	12	6	1	2	1	1	2	7	12	12	6
12-14 LST	5	8	5	2	2	1	0	#	1	4	5	4	3
15-17 LST	4	7	4	1	1	1	0	#	1	2	6	4	2
18-20 LST	3	5	3	2	1	#	#	#	#	3	4	4	2
21-23 LST	5	4	3	1	1	1	1	#	#	2	8	6	3
ALL HOURS	6	7	6	3	1	1	1	1	1	4	7	7	4

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	4	5	6	2	1	#	1	0	#	2	6	6	3
06-08 LST	6	7	8	4	0	#	#	#	1	4	4	7	4
09-11 LST	7	6	8	3	0	1	1	1	1	5	6	6	4
12-14 LST	2	4	3	1	2	#	0	0	#	3	2	2	2
15-17 LST	2	3	2	1	0	0	#	#	0	1	3	2	1
18-20 LST	2	4	1	1	1	#	#	#	#	2	3	3	1
21-23 LST	3	3	2	1	#	1	1	#	#	1	5	5	2
ALL HOURS	4	5	4	2	1	1	1	#	#	3	4	4	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	1	1	3	1	#	0	0	0	#	1	2	2	1
06-08 LST	2	3	4	2	0	0	#	#	1	1	1	3	2
09-11 LST	2	3	2	1	0	1	1	#	0	2	2	2	1
12-14 LST	1	1	1	#	1	#	0	0	0	1	#	#	1
15-17 LST	0	1	1	1	0	0	#	#	0	1	0	1	#
18-20 LST	1	1	#	1	#	0	#	#	#	1	1	1	1
21-23 LST	1	1	1	#	#	#	#	0	#	#	2	2	1
ALL HOURS	1	2	2	1	#	#	#	#	#	1	1	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SEMIPALATINSK, USSR
LOCATION: 50°21'N, 80°16'E
PREPARED BY: USAFETAC/ECR, JUL 1988

STATION #: 361770
ELEVATION (FEET): 676
PERIOD: 7301-8612

ICAO ID: N/A
LST - GMT +6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 2	43	45	75	88	99	106	108	108	99	84	63	46	108
MEAN DLY MAX 1	13	15	27	53	68	79	81	77	67	49	31	16	48
MEAN 1	6	7	19	42	57	68	71	66	55	40	24	9	39
MEAN DLY MIN 1	-3	-2	8	31	42	55	58	51	40	30	16	1	27
EXTREME MIN 2	-53	-49	-42	-11	14	30	41	34	18	0	-56	-51	-56
# DAYS > 90 1	0	0	0	0	1	5	7	3	1	0	0	0	18
# DAYS < 32 1	30	27	22	6	#	0	0	0	0	11	22	29	147
# DAYS ≤ 0 1	18	16	9	#	0	0	0	0	0	#	4	13	61
2. PRECIPITATION (INCHES)													
MAXIMUM 2	2.2	1.4	2.5	2.5	3.3	3.6	4.8	2.8	2.2	2.8	3.3	2.3	16.7
MEAN 2	0.6	0.6	0.7	0.8	0.9	1.2	1.3	0.9	0.8	0.9	1.1	0.8	10.6
MINIMUM 2	0.1	0	0	0	0.1	0.1	0	0	0	0.1	0.1	0.2	5.7
MAX 24 HR 2	0.6	0.5	0.6	0.9	1.0	1.6	1.5	1.0	1.1	0.8	1.2	0.6	1.6
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (03 LST) 1	81	81	86	84	77	80	79	80	82	81	82	76	80
RH (18 LST) 1	70	66	63	43	33	33	29	34	37	49	60	66	50
VAPOR PRESS 1	.05	.06	.09	.17	.23	.35	.41	.34	.25	.17	.11	.06	.19
DEWPOINT 1	0	0	13	29	36	48	52	47	38	29	16	3	26
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	\$E	\$E	\$W	\$N	\$N	\$N	\$N	\$N	\$W	\$SW	\$SE	\$E	\$W
MEAN SPEED (PVLG DRCTN) 1	6	6	7	8	9	8	7	7	7	8	8	6	7
MEAN SPEED (ALL OBS) 1	4	4	4	5	5	4	4	4	4	4	5	4	4
MAX (PK GST) 1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	1000	1000	1250	1550	1750	1800	1750	1650	1400	1450	1450	1150	1800
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	4	5	5	5	4	5	5	4	5	6	5	5
DAYS TSFMS 1	#	#	#	1	1	6	8	6	1	#	6	#	24
DAYS FOG < 7 1	4	4	3	2	1	1	1	1	1	2	2	3	25
DAYS BNBD < 7 1	0	0	0	#	#	#	#	#	#	#	#	#	2
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN



REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2. NATIONAL INTELLIGENCE SURVEY, POR 74 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	12	9	4	6	2	2	5	3	11	19	15	8
06-08 LST	11	12	12	11	7	5	9	8	9	12	16	14	11
09-11 LST	26	32	25	15	8	3	4	6	11	21	28	32	18
12-14 LST	18	21	15	12	11	6	7	5	7	13	25	21	14
15-17 LST	16	15	9	10	12	8	8	6	7	14	23	18	12
18-20 LST	12	12	8	6	7	6	8	4	6	15	14	13	9
21-23 LST	10	9	6	5	6	4	5	4	4	8	14	14	7
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	7	4	2	2	0	#	3	1	4	5	5	3
06-08 LST	4	6	6	5	1	2	4	4	3	5	4	4	4
09-11 LST	19	27	22	9	1	0	1	1	5	12	15	21	11
12-14 LST	16	20	12	4	2	1	1	1	2	4	12	14	7
15-17 LST	13	14	6	2	1	2	1	1	1	2	8	12	5
18-20 LST	6	10	5	1	1	1	1	1	1	4	4	4	3
21-23 LST	4	4	2	2	#	1	1	#	2	2	4	5	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	2	2	1	2	0	0	2	#	3	3	3	2
06-08 LST	1	1	3	1	1	2	2	1	1	2	1	2	2
09-11 LST	4	4	5	3	0	0	#	1	2	5	2	3	2
12-14 LST	3	2	2	1	#	1	1	1	0	2	3	2	1
15-17 LST	4	1	2	1	1	1	1	1	1	1	2	1	1
18-20 LST	2	2	1	#	#	#	1	1	#	1	1	1	1
21-23 LST	1	#	1	#	#	1	1	#	1	1	2	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	#	1	#	1	0	0	1	#	2	2	1	1
06-08 LST	1	#	1	1	0	1	1	1	1	2	1	1	1
09-11 LST	1	1	#	1	0	0	#	#	1	2	1	1	1
12-14 LST	1	#	1	#	0	#	1	1	0	#	1	#	#
15-17 LST	1	#	1	#	1	1	1	1	1	1	1	1	1
18-20 LST	1	#	#	#	#	0	#	0	#	0	0	1	#
21-23 LST	#	0	0	#	0	1	#	#	#	#	#	1	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: SEMIPALATINSK, USSR
 LOCATION: 50°21'N, 80°16'E
 PREPARED BY: USAFETAC/BCR, JUL 1988

STATION #: 361770
 ELEVATION (FEET): 676
 PERIOD: 7301-8612

ICAO ID: N/A
 LST = GMT +6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	#	1	0	0	#	1	#	0	0	0	1	#
06-08 LST	0	#	#	#	0	1	1	1	#	0	0	0	#
09-11 LST	0	0	0	#	#	#	#	0	0	0	1	0	#
12-14 LST	0	0	#	#	#	1	1	1	#	0	#	0	#
15-17 LST	0	0	#	0	1	3	5	1	0	0	0	0	1
18-20 LST	#	#	#	#	1	5	5	1	#	0	0	0	1
21-23 LST	0	1	#	0	#	2	2	1	#	#	#	1	1
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	#	#	2	4	7	2	5	5	9	7	5	2	4
06-08 LST	#	0	2	7	7	7	8	6	9	7	3	0	5
09-11 LST	1	1	2	9	6	5	8	4	7	10	7	1	5
12-14 LST	0	0	2	8	8	8	7	6	7	12	5	#	5
15-17 LST	#	1	2	7	7	6	7	6	7	11	5	1	5
18-20 LST	1	1	2	5	5	8	9	5	4	10	3	2	4
21-23 LST	0	#	2	5	8	6	5	4	5	7	4	1	4
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	28	25	20	2	#	#	0	0	#	9	20	25	11
06-08 LST	29	33	24	3	#	0	0	0	0	6	18	28	12
09-11 LST	29	36	30	6	#	0	0	0	#	10	28	26	14
12-14 LST	32	34	24	3	1	0	0	0	1	7	27	32	13
15-17 LST	23	21	11	1	0	0	0	0	0	5	19	22	9
18-20 LST	21	19	12	1	0	0	0	0	0	4	12	18	7
21-23 LST	23	22	11	2	#	#	0	#	#	3	14	18	8
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	1	#	#	1	1	0	0	#	#	1	#	0	#
06-08 LST	1	0	#	0	#	1	0	0	1	0	#	#	#
09-11 LST	0	#	#	2	0	#	0	#	#	0	0	1	#
12-14 LST	1	1	0	1	1	0	0	#	1	1	#	0	#
15-17 LST	1	1	0	1	1	1	#	0	1	0	#	0	1
18-20 LST	1	1	#	#	#	0	0	0	0	#	1	0	#
21-23 LST	1	#	0	0	#	#	#	#	#	1	#	#	#
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*



REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
* - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
2.
3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	1	2	2	1	2	0	0	2	#	3	3	3	2
06-08 LST	1	1	2	1	1	2	2	1	1	2	1	2	1
09-11 LST	4	4	5	3	0	0	#	1	2	5	2	3	2
12-14 LST	3	2	2	#	#	1	1	1	0	2	2	2	1
15-17 LST	4	1	2	1	1	1	1	1	1	1	2	1	1
18-20 LST	2	2	1	#	#	#	1	1	#	1	1	1	1
21-23 LST	1	#	1	#	#	1	1	#	1	1	2	1	1
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	1	2	2	1	1	0	0	1	#	2	2	3	1
06-08 LST	1	1	1	1	0	2	1	1	1	2	1	2	1
09-11 LST	4	4	4	1	0	0	#	#	2	3	2	3	2
12-14 LST	2	1	1	#	#	1	1	1	0	1	2	2	1
15-17 LST	4	1	1	1	1	1	1	1	1	1	1	1	1
18-20 LST	2	2	1	#	#	0	#	#	#	1	1	1	1
21-23 LST	1	#	#	#	#	1	1	#	1	1	2	1	1
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	#	1	1	#	1	0	0	1	#	2	2	2	1
06-08 LST	1	#	1	1	0	1	1	1	1	2	1	1	1
09-11 LST	2	2	#	1	0	0	#	#	1	3	1	1	1
12-14 LST	1	1	1	#	0	1	1	1	0	#	1	1	#
15-17 LST	1	#	1	1	1	1	1	1	1	1	1	1	1
18-20 LST	1	#	1	#	#	0	#	#	#	#	0	1	#
21-23 LST	1	0	#	#	#	1	#	#	#	#	1	1	#
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	#	0	1	#	1	0	0	0	0	1	1	0	#
06-08 LST	1	#	1	1	0	1	1	1	1	1	1	#	1
09-11 LST	0	#	#	#	0	0	#	#	#	2	#	1	#
12-14 LST	0	#	#	#	0	0	1	1	0	0	0	#	#
15-17 LST	#	0	1	0	#	1	1	1	1	#	#	1	#
18-20 LST	#	0	0	#	0	0	#	0	#	0	0	1	#
21-23 LST	#	0	0	#	0	1	#	0	0	#	#	1	#
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SEMIYARKA
 LOCATION: 50°52'N, 78°22'E
 PREPARED BY: USAFETAC/ECR, OCT 1988

STATION #: 361520
 ELEVATION (FEET): 486
 PERIOD: 7301-8612

ICAO ID:
 LST - GMT +6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1	46	41	62	87	97	100	104	100	91	83	63	50	104
MEAN DLY MAX 1	11	12	25	53	68	79	81	76	67	48	30	16	47
MEAN 1	3	3	17	43	58	69	72	67	56	40	23	8	38
MEAN DLY MIN 1	-4	-6	8	33	45	58	61	55	44	31	15	0	28
EXTREME MIN 1	-44	-44	-31	-12	22	38	45	28	26	6	-30	-44	-44
# DAYS > 90 1	0	0	0	0	1	6	7	2	#	0	0	0	16
# DAYS < 32 1	31	28	29	14	2	0	0	#	1	17	28	31	181
# DAYS < 0 1	19	19	10	#	0	0	0	0	0	0	5	15	63
2. PRECIPITATION (INCHES)													
MAXIMUM													
MEAN													
MINIMUM													
MAX 24 HR													
# DAYS > 0.04 1	9	8	7	5	5	6	7	5	4	7	8	8	79
# DAYS > 0.5													
3. SNOWFALL (INCHES)													
MEAN													
MAXIMUM													
MAX 24 HR													
# DAYS W/SNOWFALL 1	8	7	5	1	#	0	0	0	#	2	6	7	37
# DAYS > 1.5													
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (06 LST) 1	78	78	84	82	71	68	72	76	73	80	81	77	77
RH (15 LST) 1	73	71	72	44	33	32	35	35	36	51	68	73	52
VAPOR PRESS 1	.05	.05	.09	.18	.23	.34	.40	.34	.24	.17	.11	.06	.19
DEWPOINT 1	-1	-2	12	29	36	46	52	47	38	29	16	2	25
5. SURFACE WINDS (16 FT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	SE	SE	\$SE	\$SE	NW	\$NE	\$NW	\$NW	\$NW	\$SW	SE	SE	\$SE
MEAN SPEED (PVLG DRCTN) 1	7	8	8	7	11	9	8	8	9	9	8	7	8
MEAN SPEED (ALL OBS) 1	6	7	7	8	8	7	7	7	6	7	7	6	7
MAX (PK GST) 1	0	0	0	0	0	0	0	0	0	29	0	0	29
PRESSURE ALT 1	1340	1290	1290	1890	1690	2040	2090	1840	1740	1540	1640	1440	1650
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	4	4	4	5	4	4	4	4	5	5	5	5
DAYS TSMS 1	#	0	1	1	3	7	9	5	1	#	#	#	27
DAYS FOG < 7 1	10	11	14	11	3	1	3	4	5	8	8	8	87
DAYS BNBD < 7 1	#	#	#	1	2	2	2	2	2	2	#	0	15
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ - % CALM > PVLG DRCTN
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	40	41	42	43	41	38	42	36	42	53	49	43	43
06-08 LST	40	43	50	62	39	40	43	40	46	54	54	45	46
09-11 LST	63	60	64	53	30	25	30	33	41	57	58	57	48
12-14 LST	48	50	51	38	34	37	47	46	34	49	51	42	44
15-17 LST	40	34	39	38	41	53	55	53	40	50	42	36	43
18-20 LST	42	42	36	33	38	41	45	41	34	45	44	37	40
21-23 LST	39	36	40	36	33	30	32	34	33	46	49	41	37
ALL HOURS	45	44	46	43	37	38	42	40	39	51	50	43	43

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	17	23	24	20	19	17	23	18	18	21	17	19	20
06-08 LST	14	22	24	37	13	8	15	17	19	19	17	18	18
09-11 LST	40	47	55	37	11	3	9	10	21	31	36	34	28
12-14 LST	35	43	41	15	6	5	4	3	10	17	28	28	19
15-17 LST	26	26	26	10	6	5	6	4	5	13	17	17	13
18-20 LST	20	28	23	9	5	3	4	4	6	14	14	16	12
21-23 LST	16	21	22	16	10	5	4	9	10	13	18	17	14
ALL HOURS	24	30	31	21	10	7	9	9	13	18	21	21	18

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	9	10	12	4	2	1	3	3	3	4	8	8	5
06-08 LST	7	10	12	5	2	2	2	2	3	6	9	8	5
09-11 LST	18	15	20	6	3	#	#	2	2	7	12	9	8
12-14 LST	12	14	9	4	2	2	1	1	3	2	9	9	6
15-17 LST	8	11	6	3	3	2	2	2	3	4	6	5	4
18-20 LST	9	9	5	2	2	1	2	1	3	2	6	6	4
21-23 LST	8	7	10	3	#	1	1	1	2	3	8	7	4
ALL HOURS	10	11	11	4	2	1	2	2	3	4	8	7	5

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	3	4	7	2	1	#	2	1	1	3	4	2	3
06-08 LST	2	3	6	3	1	1	1	2	2	2	5	2	3
09-11 LST	2	3	6	3	2	#	0	1	1	3	5	3	2
12-14 LST	3	4	3	1	2	1	1	#	1	1	3	1	2
15-17 LST	2	3	2	1	2	1	1	1	#	1	3	1	2
18-20 LST	1	3	3	1	0	1	1	1	2	1	2	2	1
21-23 LST	2	3	4	#	0	1	#	0	1	2	2	2	2
ALL HOURS	2	3	4	2	1	1	1	1	1	2	4	2	2

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: SEMIYARKA
LOCATION: 50°52'N, 78°22'E
PREPARED BY: USAFETAC/ECR, OCT 1988

STATION #: 361520
ELEVATION (FEET): 486
PERIOD: 7301-8612

ICAO ID:
LST - GMT +6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	#	#	0	0	3	#	0	0	#	#	#
06-08 LST	#	0	0	0	0	2	1	1	0	0	0	0	#
09-11 LST	0	0	0	0	1	1	1	1	0	0	0	0	#
12-14 LST	0	0	0	1	#	3	4	1	0	0	0	#	1
15-17 LST	0	0	0	0	2	5	7	3	0	0	#	#	2
18-20 LST	#	0	#	#	2	8	8	1	1	1	0	0	2
21-23 LST	0	0	1	#	1	4	5	3	0	0	0	0	1
ALL HOURS	#	0	#	#	1	3	4	2	#	#	#	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	1	#	1	3	4	8	5	3	5	4	2	1	3
06-08 LST	1	1	1	5	4	8	7	5	4	8	3	#	4
09-11 LST	1	1	1	3	4	6	7	7	8	8	3	#	4
12-14 LST	1	#	3	5	6	8	7	5	5	8	3	1	4
15-17 LST	#	#	2	6	5	6	10	6	4	7	5	1	4
18-20 LST	1	1	2	4	7	7	6	6	3	9	4	1	4
21-23 LST	0	0	3	5	6	7	3	7	5	8	3	2	4
ALL HOURS	1	1	2	4	5	7	6	6	5	7	3	1	4

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	16	16	12	2	#	0	0	0	0	3	13	17	7
06-08 LST	17	19	16	3	1	0	0	0	0	4	13	17	8
09-11 LST	22	20	22	4	1	0	0	0	0	5	19	18	9
12-14 LST	16	19	12	3	1	0	0	0	0	4	17	13	7
15-17 LST	15	12	8	3	#	#	0	0	0	4	13	10	6
18-20 LST	14	12	7	1	#	0	0	0	#	4	11	14	5
21-23 LST	17	16	10	2	0	#	0	0	0	4	12	14	6
ALL HOURS	17	16	12	3	1	#	0	0	0	4	14	15	7

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	#	3	0	1	2	1	2	1	1	1	1	2	1
06-08 LST	#	2	#	1	#	1	1	1	0	2	3	1	1
09-11 LST	1	2	#	3	1	2	#	0	1	#	1	#	1
12-14 LST	1	2	1	3	1	2	1	1	1	2	1	0	1
15-17 LST	1	2	0	3	3	2	1	1	1	2	1	1	1
18-20 LST	#	1	#	3	1	1	1	1	#	1	1	#	1
21-23 LST	1	1	#	1	1	1	#	1	1	1	2	1	1
ALL HOURS	1	2	#	2	1	1	1	1	1	1	1	1	1

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
- BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
2.
3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	9	10	12	4	2	1	3	3	3	4	8	8	5
06-08 LST	7	10	12	5	2	2	2	2	3	5	9	8	5
09-11 LST	18	15	20	6	3	#	#	2	2	7	12	9	8
12-14 LST	12	4	9	4	2	2	1	1	3	2	9	9	6
15-17 LST	8	11	6	3	3	2	2	2	3	4	6	5	4
18-20 LST	9	9	5	2	2	1	2	1	3	2	6	6	4
21-23 LST	8	7	10	2	#	1	1	1	2	3	8	7	4
ALL HOURS	10	11	11	4	2	1	2	2	3	4	8	7	5

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	6	9	10	4	2	1	3	2	3	4	7	6	5
06-08 LST	6	8	10	5	2	1	1	2	3	4	8	7	5
09-11 LST	18	15	20	6	3	#	#	2	2	7	12	9	8
12-14 LST	12	14	9	4	2	2	1	1	3	2	9	9	6
15-17 LST	8	11	6	3	3	2	2	1	3	4	6	5	4
18-20 LST	7	9	4	2	2	1	1	1	3	2	5	4	4
21-23 LST	6	5	7	2	#	1	1	1	2	3	7	5	3
ALL HOURS	9	10	9	4	2	1	1	1	3	4	8	6	5

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	5	7	9	3	2	1	3	2	3	4	6	4	4
06-08 LST	3	6	8	4	1	1	1	2	2	3	7	5	4
09-11 LST	7	9	12	3	3	#	0	1	1	4	8	5	4
12-14 LST	5	8	5	1	2	1	1	1	2	2	6	3	3
15-17 LST	5	6	3	2	2	2	2	1	2	3	5	3	3
18-20 LST	3	5	4	2	1	1	1	1	2	2	3	3	2
21-23 LST	3	5	5	1	#	1	#	1	1	2	6	3	2
ALL HOURS	4	7	7	2	2	1	1	1	2	3	6	4	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	2	2	6	2	1	0	1	1	1	2	3	1	2
06-08 LST	1	2	5	2	1	1	1	1	2	1	4	1	2
09-11 LST	#	2	4	1	1	#	0	#	1	1	4	2	1
12-14 LST	2	2	2	1	1	1	1	#	1	1	2	1	1
15-17 LST	1	2	1	1	1	1	1	1	0	1	1	1	1
18-20 LST	1	2	2	1	0	0	1	1	2	1	1	1	1
21-23 LST	1	2	3	#	0	1	#	0	1	1	2	1	1
ALL HOURS	1	2	3	1	1	1	1	1	1	1	2	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SHEMONAYIKHA, USSR
LOCATION: 5038N, 8155E
PREPARED BY: USAFETAC/ECR, NOV 1988

STATION #: 361860
ELEVATION (FEET): 320
PERIOD: 7301-8612

ICAO ID: N/A
LST = GMT + 6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	40	45	52	82	95	94	104	97	88	84	64	104
MEAN DLY MAX	1	12	14	25	48	65	75	78	74	65	47	28	45
MEAN	1	4	5	17	40	56	66	69	64	54	39	21	37
MEAN DLY MIN	1	-4	-4	8	31	43	55	57	51	41	31	14	27
EXTREME MIN	1	-43	-46	-32	-21	5	32	32	-17	-3	-14	-50	-50
# DAYS > 90	1	0	0	0	0	0	2	3	1	0	0	0	6
# DAYS > 32	1	31	28	30	17	3	0	0	0	3	19	28	190
# DAYS > 0	1	19	18	10	1	0	0	0	0	0	6	17	71
2. PRECIPITATION (INCHES)													
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MEAN		0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.01	1	13	11	10	6	6	6	6	5	5	8	12	100
# DAYS > 0.5		0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN		0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	1	9	8	7	2	0	0	0	0	3	8	8	45
# DAYS > 1.5		0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (06 LST)	1	78	78	83	81	71	75	81	83	80	80	81	79
RH (18 LST)	1	75	71	72	73	38	42	43	39	43	62	74	58
VAPOR PRESS	1	.05	.05	.09	.17	.22	.36	.41	.34	.24	.17	.10	.06
DEWPOINT	1	-1	-1	10	28	35	48	52	47	38	28	15	25
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$S	\$S	\$S	\$N	\$N	\$N	\$N	\$N	\$N	\$S	\$S	\$N
MEAN SPEED													
(PVLG DRCTN)	1	12	11	8	8	9	8	8	7	7	9	11	9
MEAN SPEED													
(ALL OBS)	1	4	4	4	6	6	6	5	5	4	5	5	5
MAX (PK GST)		0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	1400	1500	1800	1950	1950	1950	2150	1700	1850	2000	1600	2150
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	5	4	4	4	4	5	5	5
DAYS TSMS	1	0	0	0	0	0	2	2	0	0	0	0	4
DAYS FOG < 7	1	13	14	13	6	1	1	1	2	3	4	8	81
DAYS BNBD < 7	1	0	0	0	0	1	1	0	1	0	0	0	3
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN													

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCN
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301 - 8612

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	37	39	23	18	16	15	12	11	13	18	28	38	22
06-08 LST	35	37	35	28	20	17	21	21	20	22	31	34	27
09-11 LST	44	58	50	29	20	18	22	18	24	29	44	43	33
12-14 LST	38	43	35	26	29	23	27	23	23	31	34	37	31
15-17 LST	28	30	23	27	36	29	28	28	24	31	32	26	29
18-20 LST	34	32	22	19	29	21	23	18	17	27	31	34	26
21-23 LST	33	34	21	17	17	20	16	13	11	23	28	37	23
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	33	36	19	10	3	3	3	2	3	8	18	33	14
06-08 LST	29	35	30	16	4	4	4	7	7	8	20	30	16
09-11 LST	39	56	47	17	2	3	6	3	10	14	36	40	23
12-14 LST	37	41	33	10	3	2	3	2	4	11	24	35	17
15-17 LST	26	28	18	9	3	3	1	1	3	9	18	23	12
18-20 LST	33	31	16	7	3	2	2	2	2	8	18	30	13
21-23 LST	31	29	18	7	2	3	2	3	2	9	15	33	13
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	15	11	8	3	2	1	2	1	2	2	9	14	6
06-08 LST	13	16	9	5	1	3	2	2	3	3	9	14	7
09-11 LST	9	12	6	4	0	1	1	0	4	7	11	9	5
12-14 LST	9	10	5	2	1	1	1	1	1	2	10	9	4
15-17 LST	8	5	5	2	1	2	1	1	1	2	7	6	3
18-20 LST	13	8	4	1	1	1	1	1	1	2	8	14	4
21-23 LST	13	8	7	3	1	2	1	2	1	3	7	14	5
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	2	3	3	1	1	1	#	1	1	1	3	4	2
06-08 LST	2	2	3	1	1	2	1	1	2	1	2	3	2
09-11 LST	3	2	1	1	0	#	0	0	2	2	2	3	1
12-14 LST	2	1	1	1	1	1	1	1	1	#	3	2	1
15-17 LST	1	2	2	1	#	1	1	1	1	1	1	#	1
18-20 LST	2	4	1	#	#	#	1	0	#	1	2	1	1
21-23 LST	1	2	1	1	1	1	1	1	#	1	2	2	1
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: SHEMONAYIKHA, USSR
 LOCATION: 5038N, 8155E
 PREPARED BY: USAFETAC/ECR, NOV 1988

STATION #: 361860
 ELEVATION (FEET): 320
 PERIOD: 7301-8612

ICAO ID: N/A
 LST = GMT + 6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	#	0	0	#	1	1	1	0	0	0	0	#
06-08 LST	0	#	1	0	0	1	1	1	0	0	0	0	#
09-11 LST	#	0	0	0	0	#	1	#	0	0	0	0	#
12-14 LST	0	0	0	#	1	1	2	#	0	0	1	1	#
15-17 LST	0	0	0	0	1	3	2	1	0	0	#	0	1
18-20 LST	#	0	0	0	1	3	4	0	#	0	0	0	1
21-23 LST	#	#	0	0	#	1	2	1	0	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	1	2	3	6	6	4	3	4	6	2	1	3
06-08 LST	1	0	1	5	4	4	6	5	6	5	3	#	3
09-11 LST	1	0	1	8	6	5	8	5	8	8	4	0	5
12-14 LST	0	#	1	5	10	6	7	4	8	8	2	1	4
15-17 LST	#	#	2	6	8	8	4	4	6	8	3	1	4
18-20 LST	#	#	2	4	9	7	8	3	7	9	4	#	4
21-23 LST	1	#	1	4	5	6	4	4	5	8	4	#	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	36	35	22	5	1	0	0	0	#	6	25	37	14
06-08 LST	39	43	34	6	1	0	0	0	0	8	28	37	16
09-11 LST	38	48	40	6	1	0	#	#	#	9	35	34	18
12-14 LST	33	30	19	7	1	0	0	0	#	8	22	28	12
15-17 LST	24	21	13	5	1	0	0	0	0	7	22	19	9
18-20 LST	24	23	13	4	#	#	0	0	#	5	19	28	10
21-23 LST	33	31	20	3	0	#	0	0	#	7	23	32	13
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	1	#	0	0	0	#	0	1	1	1	1	#
06-08 LST	2	#	1	1	#	0	#	0	0	#	1	1	1
09-11 LST	2	2	0	#	#	0	1	#	0	1	#	1	1
12-14 LST	3	2	#	1	1	0	#	#	0	#	1	1	1
15-17 LST	2	2	1	1	1	1	1	#	0	1	1	1	1
18-20 LST	2	1	1	0	1	0	0	#	#	1	#	1	1
21-23 LST	1	1	#	#	#	#	#	0	0	#	1	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	15	11	8	3	2	1	2	1	2	2	9	14	6
06-08 LST	13	16	9	5	1	3	2	2	3	3	9	14	7
09-11 LST	9	12	6	4	0	1	1	0	4	7	11	9	5
12-14 LST	9	10	5	2	1	1	1	1	1	2	10	9	4
15-17 LST	8	5	5	2	1	2	1	1	1	2	7	6	3
18-20 LST	13	8	4	1	1	1	1	1	1	2	7	14	4
21-23 LST	13	8	7	3	1	2	1	2	1	3	7	14	5
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	10	6	3	2	1	2	1	2	2	8	12	5
06-08 LST	10	13	7	4	1	3	1	2	3	2	8	11	6
09-11 LST	9	12	6	4	0	#	#	0	3	7	11	9	5
12-14 LST	9	10	5	2	1	1	1	1	1	2	10	9	4
15-17 LST	8	5	5	2	1	1	1	1	1	2	7	6	3
18-20 LST	10	8	3	1	1	1	1	1	#	2	6	11	4
21-23 LST	9	8	6	2	1	2	1	1	1	3	6	10	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	6	4	2	2	1	1	1	2	1	6	7	3
06-08 LST	6	9	4	2	1	2	1	2	3	1	6	8	4
09-11 LST	5	10	5	3	0	#	0	0	3	4	8	8	4
12-14 LST	6	10	4	2	1	1	1	1	1	1	7	8	3
15-17 LST	5	5	4	1	#	1	1	1	1	1	5	4	2
18-20 LST	7	7	3	1	1	#	1	0	#	1	5	5	3
21-23 LST	5	6	4	1	1	1	1	1	0	2	5	6	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	1	1	1	1	#	#	1	1	1	1	1	1
06-08 LST	1	1	2	1	1	2	#	1	2	1	1	1	1
09-11 LST	2	1	1	1	0	#	0	0	1	2	#	1	1
12-14 LST	1	#	#	#	1	#	1	1	1	#	1	1	1
15-17 LST	1	#	1	1	0	1	1	1	1	1	0	0	1
18-20 LST	1	1	#	#	#	#	1	0	#	1	1	#	1
21-23 LST	#	1	#	1	1	1	1	1	#	1	1	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ZHONGA, USSR
LOCATION: 4816N, 7719E
PREPARED BY: USAFETAC/ECR, DEC 1988

STATION #: 364870
ELEVATION (FEET): 699
PERIOD: 7301-8612

ICAO ID: N/A
LST = GMT +6

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	59	52	59	79	90	104	99	99	84	74	55	41	104
MEAN DLY MAX	9	8	22	49	61	70	74	71	60	45	24	12	42
MEAN	1	1	15	41	55	66	69	64	53	37	18	4	35
MEAN DLY MIN	-7	-7	8	34	47	58	61	56	44	29	12	-3	28
EXTREME MIN	-39	-43	-25	-26	16	33	32	30	16	-7	-21	-52	-52
# DAYS > 90	0	0	0	0	0	1	2	1	0	0	0	0	4
# DAYS < 32	28	27	29	13	3	0	0	0	4	19	26	28	177
# DAYS ≤ 0	20	19	10	0	0	0	0	0	0	0	8	18	75
2. PRECIPITATION (INCHES)													
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.01	4	3	3	2	3	3	2	2	2	4	5	4	37
# DAYS ≤ 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	4	3	2	0	0	0	0	0	0	2	4	4	19
# DAYS ≤ 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (06 LST)	76	76	79	80	73	67	67	71	71	79	80	77	76
RH (15 LST)	67	67	61	41	33	32	29	29	33	47	63	67	49
VAPOR PRESS	.04	.04	.07	.15	.20	.28	.29	.27	.19	.14	.09	.05	.15
DEWPOINT	-5	-5	7	25	33	41	43	40	32	23	10	-2	20
5. SURFACE WINDS (16 FT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCIN	\$N	\$N	\$N	\$W	\$N	\$N	\$N	\$NE	\$N	\$SW	\$SW	\$SW	\$N
MEAN SPEED	8	7	7	10	9	8	7	8	7	11	12	10	9
(PVLG DRCIN)													
MEAN SPEED	3	4	4	6	6	5	5	6	5	5	4	3	5
(ALL OBS)													
MAX (PK GST)	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	0	0	0	0	0	0	0	0	0	0	0	0	0
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	4	3	3	3	4	4	3	3	3	4	4	4	4
DAYS TSTMS	0	0	0	0	1	1	0	0	0	0	0	0	5
DAYS FOG < 7	6	4	7	2	0	1	0	0	1	3	5	8	17
DAYS BNBD < 7	0	0	0	0	0	0	0	0	0	0	0	0	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM > PVLG DICTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7308-8612
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	16	17	15	15	17	14	15	13	10	19	23	19	16
06-08 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
15-17 LST	13	12	14	18	30	35	33	26	20	27	23	14	22
18-20 LST	10	13	11	15	27	29	29	21	20	20	24	15	19
21-23 LST	12	15	12	17	20	25	18	17	14	17	17	19	17
ALL HOURS	13	13	13	16	23	25	24	19	16	21	22	16	18

8. % FREQ OF CIG/VIS < 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	15	17	11	7	6	5	6	4	3	7	16	16	9
06-08 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
15-17 LST	11	11	9	4	2	4	8	6	2	9	15	11	8
18-20 LST	8	12	8	4	6	3	2	5	2	7	15	9	14
21-23 LST	9	14	10	6	7	5	3	4	2	4	10	17	8
ALL HOURS	11	13	10	6	6	4	5	5	2	7	14	13	10

9. % FREQ OF CIG/VIS < 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	7	9	4	2	1	1	1	2	1	2	6	8	4
06-08 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
15-17 LST	5	5	3	#	1	#	3	3	#	1	4	5	3
18-20 LST	3	4	3	1	1	2	#	3	0	1	5	5	2
21-23 LST	3	6	4	2	3	1	1	#	1	1	3	8	3
ALL HOURS	5	6	4	1	2	1	1	2	1	1	5	7	3

10. % FREQ OF CIG/VIS < 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	5	6	4	1	#	0	1	1	1	1	5	4	2
06-08 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
15-17 LST	2	3	2	0	#	#	2	1	0	1	1	2	1
18-20 LST	2	3	1	#	#	#	#	1	0	1	3	3	1
21-23 LST	3	4	2	1	3	0	1	0	1	#	2	6	2
ALL HOURS	3	4	2	1	1	#	1	1	1	1	2	4	2

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: ZHORGA, USSR
LOCATION: 4816N, 7719E
PREPARED BY: USAFETAC/ECR, DEC 1988

STATION #: 364870
ELEVATION (FEET): 699
PERIOD: 7301-8612

ICAO ID: N/A
LST = GMT +6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	1	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	3	1	1	0	0	0	0	1
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	1	0
ALL HOURS	0	0	0	0	0	1	0	0	0	0	0	0	0

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	1	2	1	5	1	1	1	2	3	1	0	2
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	3	3	3	3	1	3	3	2	0	2
18-20 LST	0	0	1	2	5	5	3	2	4	2	1	0	2
21-23 LST	0	0	0	1	3	4	3	2	1	3	0	0	1
ALL HOURS	0	0	1	2	4	3	3	2	3	3	1	0	2

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	9	8	4	2	0	0	0	0	0	3	6	7	3
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	6	5	4	1	0	0	0	0	0	4	9	7	3
18-20 LST	3	8	4	0	0	0	0	0	0	2	9	6	3
21-23 LST	7	6	5	0	1	0	0	0	0	2	7	7	3
ALL HOURS	6	7	5	1	0	0	0	0	0	3	8	7	3

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	1	2	1	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	1	2	1	1	2	0	0	1	1	2	1	0	1
18-20 LST	1	2	1	1	2	1	1	1	1	0	1	1	1
21-23 LST	1	2	0	2	1	0	0	0	0	0	1	1	1
ALL HOURS	1	2	1	1	1	0	0	1	1	1	1	1	1

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7308-8612
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	7	9	4	2	1	1	1	2	1	2	6	8	4
06-08 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
15-17 LST	5	5	3	#	1	#	3	3	#	1	4	5	3
18-20 LST	3	4	3	1	1	2	#	3	0	1	5	5	2
21-23 LST	3	6	4	2	3	1	1	#	1	1	3	8	3
ALL HOURS	5	6	4	1	2	1	1	2	1	1	5	7	3

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	7	9	4	2	1	1	1	2	1	2	6	8	4
06-08 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
15-17 LST	5	5	3	#	1	#	2	3	#	1	4	5	3
18-20 LST	3	4	3	1	1	1	#	3	0	1	5	5	2
21-23 LST	3	6	4	1	3	1	1	#	1	1	3	8	3
ALL HOURS	5	6	4	1	2	1	1	2	1	1	5	6	3

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	7	7	4	1	#	#	1	2	1	2	5	5	3
06-08 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
15-17 LST	4	4	2	0	#	#	2	2	#	1	2	2	2
18-20 LST	2	3	1	1	#	1	#	2	0	1	3	4	2
21-23 LST	3	4	4	1	3	#	1	0	1	#	2	6	2
ALL HOURS	4	5	3	1	1	#	1	2	1	1	3	4	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	4	5	3	1	0	0	#	1	1	1	3	2	2
06-08 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
15-17 LST	2	2	2	0	#	#	1	1	0	1	#	2	1
18-20 LST	1	2	1	0	#	#	0	1	0	1	2	3	1
21-23 LST	3	3	2	1	3	0	1	0	1	#	1	4	2
ALL HOURS	3	3	2	1	1	#	1	1	#	1	2	3	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PRUNZE, KYRGYZSTAN
LOCATION: 4250N 7436E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 383530
ELEVATION (FEET): 2083
PERIOD: 7301-9012

ICAO: UAFF
LST = GMT + 6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	62	70	79	90	94	102	104	104	96	89	78	104
MEAN DAILY MAX	1	32	34	46	63	72	82	88	85	76	60	46	60
MEAN	1	24	26	38	54	63	72	77	74	64	50	38	51
MEAN DAILY MIN	1	16	18	30	43	52	60	65	62	52	40	30	41
EXTREME MIN	1	-14	-19	-12	23	27	42	48	34	32	15	-10	-27
# DAYS GE 90	1	0	0	0	#	1	7	16	10	1	0	0	35
# DAYS LE 32	1	29	26	17	2	#	0	0	0	#	6	17	122
# DAYS LE 0	1	3	3	#	0	0	0	0	0	0	1	3	10
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.1	0.7	1.7	2.6	1.7	1.4	0.6	0.7	0.6	0.9	1.4	15.1
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	10	10	12	11	9	7	5	4	4	8	9	99
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	8	8	5	1	#	0	0	0	#	1	5	34
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (06 LST)	1	78	81	83	77	73	63	56	56	62	74	78	72
RH (15 LST)	1	65	63	60	43	40	31	25	24	28	43	58	46
VAPOR PRESS	1	.11	.12	.18	.25	.33	.36	.37	.33	.26	.22	.17	.23
DEWPOINT	1	17	19	30	39	46	49	49	46	40	35	28	35
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	S	W	W	W	S	S	S	S	S	S	\$S	S
MEAN SPEED													
(PVLG DRCTN)	1	6	6	7	9	7	8	8	8	8	7	6	7
MEAN SPEED													
(ALL OBS)	1	5	5	5	7	7	7	7	7	6	5	5	6
MAX PEAK GUST	1	0	0	37	37	37	0	0	37	43	37	37	43
PRESSURE ALT	1	3300	3100	3250	3100	3200	3350	3500	3500	3050	3150	3100	2950
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	5	4	3	3	3	4	5	4
DAYS TSTMS	1	#	0	#	1	4	8	5	2	1	#	#	21
DAYS FOG LT 7	1	19	19	17	4	1	#	#	#	1	9	16	105
DAYS BNBD LT 7	1	#	0	#	1	#	#	#	#	#	#	#	3

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(FRUNZE, KYRGYZSTAN)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
C - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, 1 JAN 73-31 DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAR 60, POR 29 YRS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	57	61	44	11	4	1	1	#	2	23	47	58	26
03-05 LST	59	66	48	15	5	1	1	1	4	27	42	56	27
06-08 LST	51	59	49	19	7	1	1	#	3	26	41	51	26
09-11 LST	58	60	52	16	7	1	#	1	4	30	50	56	28
12-14 LST	56	58	46	16	7	1	1	1	2	22	44	54	26
15-17 LST	45	44	36	15	6	2	2	2	4	15	36	49	21
18-20 LST	55	47	33	13	6	2	1	1	3	16	48	59	24
21-23 LST	57	58	41	16	6	2	2	2	3	18	45	59	26
ALL HOURS	55	57	44	15	6	1	1	1	3	22	44	55	25

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	56	59	39	8	3	1	1	#	2	20	44	55	24
03-05 LST	58	64	44	13	4	1	1	1	4	25	38	54	25
06-08 LST	50	57	44	14	6	1	1	#	3	24	38	49	24
09-11 LST	57	59	48	14	5	1	#	1	3	28	46	52	26
12-14 LST	55	57	40	11	5	1	1	1	2	19	41	53	24
15-17 LST	44	41	29	8	3	2	1	1	2	9	32	47	18
18-20 LST	54	44	28	8	5	2	1	1	3	14	45	57	22
21-23 LST	56	56	37	11	4	1	2	2	2	14	43	57	24
ALL HOURS	54	55	39	11	4	1	1	1	3	19	41	53	23

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	34	19	5	2	#	1	0	1	9	25	33	14
03-05 LST	37	42	25	6	3	0	#	#	2	13	25	37	16
06-08 LST	34	39	27	8	3	0	#	#	1	13	26	34	15
09-11 LST	39	40	32	6	2	#	#	0	1	15	28	35	17
12-14 LST	33	35	20	5	2	#	1	#	1	8	27	34	14
15-17 LST	26	21	15	4	2	#	1	1	2	5	16	29	10
18-20 LST	28	24	12	3	3	1	#	1	1	7	23	34	11
21-23 LST	33	32	17	7	2	1	1	1	1	6	21	36	13
ALL HOURS	33	33	21	6	2	#	#	#	1	9	24	34	14

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	8	5	1	1	#	#	0	0	1	6	13	4
03-05 LST	9	14	7	1	1	0	#	#	1	4	6	13	5
06-08 LST	10	11	8	1	1	0	#	#	0	3	10	13	5
09-11 LST	13	12	8	1	0	0	0	0	0	4	11	16	5
12-14 LST	5	4	1	#	0	0	#	0	0	1	4	12	2
15-17 LST	2	2	0	1	#	#	0	1	#	#	1	5	1
18-20 LST	3	4	1	#	0	#	0	#	#	1	2	8	2
21-23 LST	8	6	3	#	0	1	1	1	#	2	5	12	3
ALL HOURS	7	8	4	#	#	#	#	#	#	2	6	12	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: FRUNZE, KYRGYZSTAN
 LOCATION: 4250N 7436E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 383530
 ELEVATION (FEET): 2083
 PERIOD: 7301-9012

ICAO: UAFF
 LST = GMT + 6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	1	2	1	#	#	0	0	#	#
03-05 LST	0	0	#	0	#	0	1	1	0	0	0	0	#
06-08 LST	0	0	0	0	#	1	1	#	#	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	#	0	0	0	#	#
12-14 LST	#	0	0	0	0	#	0	#	0	0	0	0	#
15-17 LST	0	0	0	0	1	3	1	1	0	0	#	0	#
18-20 LST	#	0	#	1	3	5	3	1	#	0	0	0	1
21-23 LST	0	0	#	1	2	3	2	1	0	0	0	0	1
ALL HOURS	#	0	#	#	1	2	1	1	#	0	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	4	8	9	6	2	3	3	4	8	5	3	5
03-05 LST	1	3	7	8	6	3	2	#	2	8	5	4	4
06-08 LST	2	2	8	10	7	2	2	2	2	7	6	4	5
09-11 LST	1	2	7	11	5	4	2	2	2	6	6	5	4
12-14 LST	1	2	6	7	5	1	1	1	1	4	5	3	3
15-17 LST	1	3	7	8	5	2	2	1	3	4	4	2	4
18-20 LST	2	2	7	10	11	7	3	3	4	7	5	3	5
21-23 LST	1	3	8	12	9	9	5	4	3	7	4	3	6
ALL HOURS	1	3	7	9	7	4	2	2	3	6	5	3	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	12	7	2	0	0	0	0	0	2	5	8	4
03-05 LST	8	12	6	1	#	0	0	0	0	2	5	8	3
06-08 LST	12	13	8	1	0	0	0	0	#	2	7	8	4
09-11 LST	12	11	7	1	#	#	0	0	0	2	8	8	4
12-14 LST	8	10	7	1	#	0	0	0	#	2	5	7	3
15-17 LST	9	8	6	1	0	0	0	0	0	1	5	9	3
18-20 LST	10	12	7	1	#	0	0	0	#	2	4	8	4
21-23 LST	11	13	8	1	0	0	0	0	#	2	6	8	4
ALL HOURS	10	11	7	1	#	#	0	0	#	2	6	8	4

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	0	0	#	1	#	#	0	#	1	#	0	#
06-08 LST	#	#	0	#	0	#	0	0	0	0	0	0	#
09-11 LST	#	0	#	#	#	0	0	0	#	0	0	0	#
12-14 LST	0	#	0	#	0	#	#	0	#	#	#	#	#
15-17 LST	0	#	1	1	1	1	1	#	0	#	#	#	#
18-20 LST	0	0	#	2	#	#	#	1	#	#	1	#	#
21-23 LST	#	0	1	#	1	1	#	1	#	1	#	0	#
ALL HOURS	#	#	#	1	#	#	#	#	#	#	#	#	#

(FRUNZE, KYRGYZSTAN)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, 1 JAN 73-31 DEC 90, THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	33	33	18	5	2	#	1	0	1	8	24	33	13
03-05 LST	36	41	25	6	3	0	#	#	2	13	25	37	16
06-08 LST	33	38	27	7	3	0	#	#	1	12	24	34	15
09-11 LST	38	40	31	6	2	#	#	0	1	14	28	35	16
12-14 LST	32	34	18	5	2	#	#	#	1	7	26	34	13
15-17 LST	25	19	14	2	1	#	1	1	1	3	15	28	9
18-20 LST	27	23	11	3	3	1	#	1	1	7	23	34	11
21-23 LST	33	31	16	6	2	1	1	1	1	6	21	36	13
ALL HOURS	32	32	20	5	2	#	#	#	1	9	23	34	13

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	31	31	15	3	1	#	1	0	#	7	22	30	12
03-05 LST	35	38	21	4	1	0	#	#	1	11	22	34	14
06-08 LST	31	35	23	5	2	0	#	#	#	11	23	30	13
09-11 LST	37	38	28	4	1	#	#	0	1	12	26	32	15
12-14 LST	31	33	16	3	1	0	#	0	1	5	24	33	12
15-17 LST	23	19	11	1	1	#	1	1	1	3	13	26	8
18-20 LST	25	21	8	2	1	#	#	#	1	5	20	31	10
21-23 LST	30	28	12	4	2	1	1	1	1	5	18	34	11
ALL HOURS	30	30	17	3	1	#	#	#	1	7	21	31	12

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	14	7	1	1	#	#	0	0	3	11	20	6
03-05 LST	16	21	11	1	1	0	#	#	1	6	12	21	7
06-08 LST	16	19	12	2	1	0	#	#	#	5	15	20	8
09-11 LST	22	24	15	1	1	0	0	0	0	5	17	23	9
12-14 LST	13	14	5	1	0	0	#	0	0	2	11	19	5
15-17 LST	8	5	2	1	#	#	0	1	#	1	3	14	3
18-20 LST	10	10	2	1	0	#	#	#	1	2	9	17	4
21-23 LST	14	12	5	1	0	1	1	1	#	2	8	19	5
ALL HOURS	14	15	7	1	#	#	#	#	#	3	11	19	6

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	5	3	#	1	#	#	0	0	1	4	9	2
03-05 LST	7	9	5	#	1	0	#	0	1	2	4	9	3
06-08 LST	7	8	6	#	#	0	#	0	0	2	7	9	3
09-11 LST	9	8	6	#	0	0	0	0	0	2	9	12	4
12-14 LST	2	1	1	#	0	0	#	0	0	0	2	7	1
15-17 LST	1	1	0	0	#	#	0	1	#	0	1	3	1
18-20 LST	2	3	#	#	0	0	0	0	#	0	1	5	1
21-23 LST	6	5	1	#	0	1	#	#	#	#	3	8	2
ALL HOURS	5	5	3	#	#	#	#	#	#	1	4	8	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LINTUPE-IN-VITEB, USSR
 LOCATION: 55°03'N, 26°19'E
 PREPARED BY: USAFETAC/ECO, JAN 1989

STATION #: 266450
 ELEVATION (FEET): 686
 PERIOD: 7301-8612

ICAO ID: N/A
 LST - GMT + 3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	53	43	60	75	86	84	92	84	82	72	52	92
MEAN DLY MAX	1	25	24	36	48	61	66	68	68	58	47	36	47
MEAN	1	21	20	30	41	53	59	61	60	51	42	33	41
MEAN DLY MIN	1	16	13	23	33	43	49	52	50	44	37	29	34
EXTREME MIN	1	-25	-20	-10	12	16	34	34	32	24	10	3	-25
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32	1	30	27	26	15	3	0	0	2	9	18	28	158
# DAYS < 0	1	4	5	1	0	0	0	0	0	0	0	2	12
2. PRECIPITATION (INCHES)													
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MEAN		0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.004	1	18	13	12	10	10	12	13	9	11	12	15	153
# DAYS > 0.5		0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN		0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0
# DAYS		0	0	0	0	0	0	0	0	0	0	0	0
#/SNOWFALL	1	16	12	8	3	1	0	0	0	1	8	13	62
# DAYS > 1.5		0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (06 LST)	1	89	89	90	88	87	90	93	94	92	92	91	90
RH (15 LST)	1	84	78	69	58	51	57	62	59	65	74	83	69
VAPOR PRESS	1	.11	.10	.14	.19	.29	.36	.42	.40	.32	.24	.18	.24
DEWPOINT	1	18	16	24	32	42	49	53	52	45	38	30	35
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	S	S	S	S	SS	W	W	SW	W	S	S	S
MEAN SPEED (PVLG DRCTN)	1	6	6	6	6	6	5	5	5	5	6	7	6
MEAN SPEED (ALL OBS)	1	6	5	5	5	5	4	4	4	5	5	6	5
MAX (PK GST)	1	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	1850	1650	1500	1700	1250	1350	1400	1450	1400	1350	1850	1950
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	6	5	5	5	5	6	5	5	6	7	6
DAYS TSMS	1	0	0	0	1	5	5	6	5	1	0	0	23
DAYS FOG < 7	1	20	19	19	17	13	12	17	19	19	22	22	219
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE
 \$ - \$ CALM > PVLC DRCTN
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, 3 HOURLY
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	76	66	53	43	29	32	37	35	51	64	77	83	54
06-08 LST	76	68	59	52	37	39	45	48	61	70	82	85	60
09-11 LST	79	75	62	47	30	30	43	36	59	72	82	85	58
12-14 LST	73	63	55	47	40	43	51	38	50	64	79	82	57
15-17 LST	71	56	45	50	44	47	50	40	47	62	73	79	55
18-20 LST	70	56	39	40	32	33	35	22	32	52	73	79	47
21-23 LST	73	60	48	36	23	21	22	22	41	56	75	82	47
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. \$ FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	69	58	49	36	25	26	32	31	45	56	67	74	47
06-08 LST	71	62	54	46	34	35	41	45	53	63	74	77	55
09-11 LST	75	70	58	40	24	24	35	31	54	64	75	77	52
12-14 LST	68	58	47	26	15	16	16	12	27	47	70	74	40
15-17 LST	62	50	34	21	10	12	10	8	17	35	59	71	32
18-20 LST	61	48	29	19	9	11	10	7	18	34	60	70	31
21-23 LST	65	53	40	29	15	14	16	16	32	47	62	73	39
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. \$ FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	54	42	33	24	16	14	14	16	28	35	52	58	32
06-08 LST	53	44	37	28	19	22	26	26	35	42	57	59	37
09-11 LST	56	49	44	25	13	14	19	19	37	50	58	61	37
12-14 LST	48	39	29	14	6	8	6	5	14	33	50	58	26
15-17 LST	41	31	21	12	4	6	6	3	7	22	40	54	21
18-20 LST	41	31	20	11	5	4	3	3	10	21	40	51	20
21-23 LST	48	34	27	14	8	7	6	7	18	29	46	55	25
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. \$ FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	6	5	4	1	2	2	1	4	7	11	7	5
06-08 LST	6	7	7	6	5	6	6	6	7	9	13	9	7
09-11 LST	7	8	9	5	2	2	1	3	10	9	13	10	7
12-14 LST	7	5	7	1	0	0	0	0	0	3	11	10	4
15-17 LST	4	4	3	0	0	0	0	0	0	1	6	6	2
18-20 LST	3	5	2	0	0	0	0	0	0	2	6	7	2
21-23 LST	3	6	4	1	0	0	0	0	1	4	9	7	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: LINTUPI-IN-VITEB, USSR
LOCATION: 55°03'N, 26°19'E
PREPARED BY: USAFETAC/ECO, JAN 1989

STATION #: 266450
ELEVATION (FEET): 686
PERIOD: 730148612

ICAO ID: N/A
LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	3	2	1	1	0	0	0	0	1
03-05 LST	0	0	0	0	1	1	0	1	0	0	0	0	0
06-08 LST	0	0	0	0	0	1	1	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	1	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	1	0	0	0	0	0	1
15-17 LST	0	0	0	0	1	3	3	1	0	0	0	0	1
18-20 LST	0	0	0	0	2	3	2	2	0	0	0	0	1
21-23 LST	0	0	0	0	2	1	2	1	0	0	0	0	1
ALL HOURS	0	0	0	0	1	1	1	1	0	0	0	0	0

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	5	11	14	10	10	10	9	16	17	20	15	12
03-05 LST	7	5	9	11	7	6	6	6	10	13	15	13	9
06-08 LST	6	4	10	12	5	8	7	9	13	14	16	14	10
09-11 LST	6	6	8	11	9	9	9	6	11	12	14	14	10
12-14 LST	8	5	8	14	7	11	10	6	10	12	15	14	10
15-17 LST	7	6	10	13	7	13	11	7	11	14	17	17	11
18-20 LST	8	6	9	14	10	11	9	8	12	14	18	15	11
21-23 LST	8	4	11	12	7	8	8	7	13	14	16	15	10
ALL HOURS	6	4	8	11	7	8	8	6	10	12	14	13	9

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	20	14	4	0	0	0	0	0	2	12	24	9
03-05 LST	26	20	11	3	0	0	0	0	0	1	9	23	8
06-08 LST	26	18	13	6	0	0	0	0	0	2	8	25	8
09-11 LST	25	21	18	7	1	0	0	0	0	2	11	21	9
12-14 LST	33	26	13	5	1	0	0	0	0	2	14	26	10
15-17 LST	26	20	11	5	0	0	0	0	0	2	12	21	8
18-20 LST	19	19	9	4	0	0	0	0	0	1	9	18	7
21-23 LST	24	17	11	3	0	0	0	0	0	2	10	21	7
ALL HOURS	22	18	11	4	0	0	0	0	0	1	9	19	7

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	1	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	1	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

REMARKS: * - DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILEN
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, 3 HOURLY

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VISO < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	50	38	30	22	15	12	12	14	26	32	47	54	29
06-08 LST	49	41	34	26	18	21	24	23	32	39	54	57	35
09-11 LST	51	46	42	24	12	12	15	17	34	47	53	56	34
12-14 LST	46	36	27	13	5	6	5	4	13	28	47	56	24
15-17 LST	37	30	18	10	3	4	5	1	7	19	35	50	18
18-20 LST	38	29	19	9	5	3	3	2	8	19	36	48	18
21-23 LST	44	32	26	14	7	6	6	6	16	27	41	52	23
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	29	26	23	13	8	7	6	7	14	23	34	39	19
06-08 LST	33	28	26	18	11	12	13	14	21	27	35	40	23
09-11 LST	35	32	31	16	7	7	6	10	19	30	39	41	23
12-14 LST	28	25	19	7	2	2	2	1	6	16	33	38	15
15-17 LST	23	18	12	5	1	2	2	1	2	11	24	34	11
18-20 LST	22	19	11	4	2	#	1	#	4	11	25	35	11
21-23 LST	26	22	17	8	3	3	3	3	8	17	29	38	15
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	12	10	5	2	3	3	1	6	10	16	15	8
06-08 LST	12	13	14	9	5	6	7	7	11	13	18	16	11
09-11 LST	14	13	15	6	3	2	2	4	12	14	20	17	10
12-14 LST	12	10	11	2	#	#	#	#	1	6	17	16	6
15-17 LST	10	8	5	1	#	0	#	0	#	4	9	12	4
18-20 LST	8	9	5	#	#	#	0	0	#	4	13	15	5
21-23 LST	10	10	9	2	1	0	#	1	2	8	12	15	6
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	4	4	3	1	2	1	1	3	5	7	4	3
06-08 LST	3	5	5	3	3	3	5	4	5	8	8	5	5
09-11 LST	4	4	6	3	1	#	#	2	5	5	10	5	4
12-14 LST	3	3	4	#	0	0	0	0	0	1	5	5	2
15-17 LST	2	1	2	#	0	0	0	0	0	#	3	4	1
18-20 LST	2	3	1	#	0	#	0	0	0	1	5	4	1
21-23 LST	1	3	3	1	#	0	#	#	#	2	5	4	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: RIGA/SPILVE, USSR
 LOCATION: 56°58'N, 24°04'E
 PREPARED BY: USAFETAC/ECO, JAN 1989

STATION #: 264220
 ELEVATION (FEET): 10
 PERIOD: 7301-8612

ICAO ID: UMRR
 LST - GMT + 3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1-2	48	52	68	77	90	90	93	91	84	75	64	60	93
MEAN DLY MAX 1	28	27	37	47	60	65	68	67	59	49	39	32	48
MEAN 1	25	23	32	41	53	59	62	61	53	45	36	28	43
MEAN DLY MIN 1	21	18	27	34	44	51	54	54	46	40	32	24	37
EXTREME MIN 1-2	-26	-31	-22	9	19	28	37	32	23	12	-8	-23	-31
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS < 32 1	27	27	23	13	2	0	0	0	0	5	14	24	135
# DAYS ≤ 0 1	2	2	0	0	0	0	0	0	0	0	0	1	5
2. PRECIPITATION (INCHES)													
MAXIMUM 2	3.1	3.4	3.6	5.0	4.2	6.8	9.8	6.6	5.7	5.2	5.6	4.0	35.1
MEAN 2	1.6	1.4	1.2	1.5	1.8	2.6	3.3	3.1	2.6	2.3	2.2	1.9	25.5
MINIMUM 2	0.5	0.2	0.1	0.4	0.0	0.5	0.6	0.7	0.0	0.5	0.5	0.4	17.2
MAX 24 HR 2	1.0	0.8	0.9	1.8	1.3	1.7	2.4	2.0	1.6	1.4	1.3	0.8	2.4
# DAYS > 0.01 2	18	15	13	13	13	14	15	16	16	16	18	18	186
# DAYS ≥ 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0
W/SNOWFALL 2	16	13	11	5	0	0	0	0	0	3	8	13	69
# DAYS ≥ 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (06 LST) 1	86	84	86	86	82	87	90	90	89	88	87	88	87
RH (15 LST) 1	83	77	70	61	54	59	65	64	68	74	82	84	70
VAPOR PRESS 1	.13	.11	.15	.19	.28	.37	.44	.43	.33	.26	.19	.15	.25
DEWPOINT 1	21	18	26	32	42	49	54	54	47	39	32	25	37
5. SURFACE WINDS (16 FT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLC DRCTN 1	S	S	SSE	N	N	N	SSW	SS	SW	S	S	::	::
MEAN SPEED													
(PVLC DRCTN) 1	11	10	10	9	9	9	9	9	9	10	12	11	10
MEAN SPEED													
(ALL OBS) 1	10	8	9	8	8	8	7	7	9	9	10	10	9
MAX (PK GNT) 1	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT 1	1300	1100	1050	1300	700	750	700	900	850	950	1200	1550	1550
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	6	6	5	5	4	5	5	5	5	6	6	6	5
DAYS TSMS 1	0	0	0	1	3	1	1	1	1	0	0	0	21
DAYS FOG < 7 1	26	24	27	25	22	23	25	25	25	26	27	28	303
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - \$ CALM > PVLG DRCTN
 & - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR SFC, 3 HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, PRECIP POR 74 YRS, TEMP POR 28 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	77	69	61	47	38	37	37	37	49	56	72	76	55
06-08 LST	76	72	66	57	49	44	55	56	53	63	74	80	62
09-11 LST	80	79	77	65	46	35	48	48	60	71	78	81	64
12-14 LST	83	79	71	55	34	31	43	41	49	67	80	83	60
15-17 LST	80	71	60	45	29	24	34	28	42	57	78	79	52
18-20 LST	79	66	56	40	25	23	28	24	33	52	78	82	49
21-23 LST	74	70	58	43	28	25	27	27	41	54	72	78	50
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	66	57	54	43	35	32	34	32	43	45	58	62	47
06-08 LST	66	62	59	52	45	40	49	53	47	53	61	68	55
09-11 LST	72	70	71	61	42	32	43	44	53	62	65	70	57
12-14 LST	77	74	66	46	28	23	31	30	40	56	72	74	52
15-17 LST	72	64	50	37	22	19	20	20	28	46	66	69	43
18-20 LST	70	59	47	34	21	17	19	19	24	41	66	71	41
21-23 LST	65	59	53	38	24	22	23	23	32	44	59	67	42
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	36	30	28	16	12	10	10	14	15	18	30	41	22
06-08 LST	39	32	33	22	22	17	22	26	21	25	31	40	27
09-11 LST	42	39	43	27	13	12	13	18	25	35	40	45	29
12-14 LST	48	47	36	18	6	5	8	4	14	30	42	48	25
15-17 LST	42	32	20	12	5	3	3	3	7	19	34	42	19
18-20 LST	39	30	19	9	4	3	4	5	7	17	34	44	18
21-23 LST	34	29	24	12	7	5	3	7	11	15	29	42	18
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	4	3	4	2	3	1	2	3	2	3	2	5	3
06-08 LST	4	4	5	3	6	2	6	8	5	5	3	4	5
09-11 LST	4	5	6	4	2	1	1	4	3	6	6	5	4
12-14 LST	5	7	3	1	1	0	0	0	2	3	6	6	3
15-17 LST	2	3	1	1	0	0	0	0	0	1	2	4	1
18-20 LST	2	2	2	0	0	0	0	0	0	1	3	4	1
21-23 LST	2	4	4	1	1	0	0	0	1	2	3	4	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: RIGA/SPILVE, USSR
LOCATION: 56°58'N, 24°04'E
PREPARED BY: USAFETAC/ECO, JAN 1989

STATION #: 264220
ELEVATION (FEET): 10
PERIOD: 7301-8612

ICAO ID: UMRR
LST - GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	1	1	1	1	0	0	0	0
03-05 LST	0	0	0	0	1	0	1	0	1	0	0	0	0
06-08 LST	0	0	0	0	0	0	1	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	1	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	1	1	0	0	0	0	0	0
15-17 LST	0	0	0	0	1	1	2	1	1	0	0	0	1
18-20 LST	0	0	0	0	1	2	1	2	0	0	0	0	1
21-23 LST	0	0	0	0	1	1	1	2	1	0	0	0	1
ALL HOURS	0	0	0	0	1	1	1	1	0	0	0	0	0

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	5	9	11	8	10	9	11	15	13	16	13	11
03-05 LST	9	5	9	12	7	8	8	8	12	12	14	12	10
06-08 LST	8	4	9	12	8	7	7	8	11	13	14	12	9
09-11 LST	10	4	10	14	8	8	10	8	12	16	14	11	11
12-14 LST	9	7	10	11	9	9	10	9	12	16	16	11	11
15-17 LST	8	5	7	13	8	8	12	9	12	12	21	13	11
18-20 LST	7	7	7	12	9	8	11	10	16	17	17	10	11
21-23 LST	7	5	11	12	7	9	10	10	12	11	16	14	10
ALL HOURS	7	5	8	11	7	7	9	8	11	12	14	10	10

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	15	8	3	1	0	0	0	0	1	7	16	6
03-05 LST	16	11	8	3	0	0	0	0	0	1	7	14	5
06-08 LST	19	14	9	5	1	0	0	0	0	1	8	16	6
09-11 LST	20	14	10	6	0	0	0	0	0	0	6	14	6
12-14 LST	24	22	10	3	0	0	0	0	0	0	9	18	7
15-17 LST	20	13	6	2	0	0	0	0	0	0	6	15	5
18-20 LST	17	13	7	1	0	0	0	0	0	1	5	14	5
21-23 LST	17	14	8	3	1	0	0	0	0	1	6	14	5
ALL HOURS	16	13	7	3	0	0	0	0	0	1	6	13	5

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	2	2	0	1	0	1	1	0	0	0	1	1	1
06-08 LST	3	2	1	1	0	0	0	0	1	0	1	1	1
09-11 LST	1	2	0	1	0	0	0	0	0	0	1	1	1
12-14 LST	1	1	1	1	0	0	0	0	0	1	0	0	1
15-17 LST	1	1	1	3	1	0	0	0	0	0	0	1	1
18-20 LST	2	1	1	2	1	0	0	0	0	0	1	2	1
21-23 LST	2	2	1	1	0	0	0	0	0	0	1	1	1
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR SFC, 3 HOURLY

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	32	27	25	14	11	9	8	12	13	15	27	37	19
06-08 LST	34	28	29	20	20	15	20	24	19	21	29	35	24
09-11 LST	39	35	42	25	11	10	10	16	24	33	35	42	27
12-14 LST	46	44	31	15	5	4	5	4	12	24	39	45	23
15-17 LST	39	28	18	10	5	2	3	2	7	15	30	39	16
18-20 LST	36	27	17	7	4	3	3	4	6	14	31	41	16
21-23 LST	31	26	22	11	7	5	3	6	10	13	25	37	16
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	21	14	16	9	8	7	5	9	9	11	17	26	13
06-08 LST	22	18	18	14	16	10	15	19	13	15	16	24	17
09-11 LST	28	24	29	17	6	4	6	11	15	23	25	28	18
12-14 LST	34	31	20	9	3	2	2	3	6	15	26	33	15
15-17 LST	25	19	12	5	2	1	2	1	3	10	19	28	10
18-20 LST	23	18	11	4	2	1	2	2	3	8	20	28	10
21-23 LST	19	15	15	7	5	4	1	4	6	8	16	26	11
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	7	7	9	4	5	4	3	5	6	6	7	11	6
06-08 LST	9	10	10	8	10	4	9	13	10	5	8	9	9
09-11 LST	13	12	13	8	3	2	3	6	7	12	12	13	9
12-14 LST	15	16	10	3	1	0	#	1	3	6	12	14	7
15-17 LST	12	8	6	1	1	0	#	#	1	2	8	13	4
18-20 LST	13	7	5	1	#	#	#	#	1	2	8	12	4
21-23 LST	8	7	7	2	3	1	1	1	2	3	7	11	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	1	2	1	2	1	1	2	1	2	1	2	1
06-08 LST	2	2	2	2	3	1	4	5	3	4	2	1	2
09-11 LST	2	1	2	2	1	#	#	2	2	4	4	2	2
12-14 LST	1	2	0	#	#	0	0	0	1	1	3	2	1
15-17 LST	1	0	0	#	#	0	#	0	0	#	1	1	#
18-20 LST	#	1	#	0	0	0	0	#	0	0	1	2	#
21-23 LST	1	2	2	#	1	#	#	#	#	1	1	2	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KAUNAS, USSR
 LOCATION: 54°53'N, 23°53'E
 PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 266290
 ELEVATION (FEET): 246
 PERIOD: VARIED

ICAO ID:
 LST - GMT +3

	SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)															
EXTREME MAX	2	46	47	70	78	91	89	95	96	84	75	63	52	96	
MEAN DLY MAX	2	26	29	37	50	64	70	72	70	62	51	38	29	50	
MEAN	2	22	24	31	43	54	61	63	61	54	45	35	26	43	
MEAN DLY MIN	2	18	19	25	35	44	51	53	52	45	39	31	22	36	
EXTREME MIN	2	-23	-21	-11	15	23	32	40	32	27	18	-6	-18	-23	
# DAYS > 90	2	0	0	0	0	#	0	#	1	0	0	0	0	1	
# DAYS < 32	2	23	20	10	#	#	#	0	#	#	#	7	19	79	
# DAYS < 0	2	3	3	1	0	0	0	0	0	0	0	0	1	8	
2. PRECIPITATION (INCHES)															
MAXIMUM	2	2.0	2.6	2.6	3.6	6.3	6.2	8.6	9.5	4.3	4.7	4.3	3.3	33.5	
MEAN	2	1.1	1.2	1.2	1.6	2.2	2.8	3.4	3.6	2.1	1.9	1.7	1.4	24.1	
MINIMUM	2	.3	.2	.2	.2	.4	.3	.7	.8	.3	.2	.3	.1	.1	
MAX 24 HR	2	.9	.9	.8	1.1	3.0	1.9	3.0	2.8	1.8	1.3	.9	1.0	3.0	
# DAYS > 0.01	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
# DAYS > 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
3. SNOWFALL (INCHES)															
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
# DAYS > 0.1	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
# DAYS > 1.5	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)															
RH (09 LST)	1	88	89	87	83	75	77	83	87	89	91	90	89	85	
RH (18 LST)	1	85	78	69	58	52	57	63	58	65	76	85	87	69	
VAPOR PRESS	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
DEWPOINT	1	21	20	26	33	43	50	54	53	47	39	33	25	37	
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)															
PVLG DRCN	1	W	SE	SSE	W	W	W	W	W	W	W	W	W	W	
MEAN SPEED															
(PVLG DRCN)	1	11	9	9	8	7	7	7	6	7	8	9	10	8	
MEAN SPEED															
(ALL OBS)	1	9	8	8	7	7	6	6	5	7	8	9	9	7	
MAX (PK GST)	2	27	31	31	35	19	27	27	27	29	39	23	31	39	
PRESSURE ALT	1	1400	1250	1100	900	800	800	1000	1000	900	1000	1150	1300	1400	
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)															
CLD COVER	1	7	6	6	6	5	6	6	5	5	6	7	7	6	
DAYS TSTMS	2	0	#	#	2	4	6	7	6	2	#	0	0	27	
DAYS FOG < 7	1	24	23	23	20	17	14	19	19	20	24	23	23	250	
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS
 APPLICABLE \$ - % CALM > PVLG DRCTN
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - OCT 84, 3 HRLY
 2. NATIONAL INTELLIGENCE SURVEY, POR 10-68 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	76	69	57	43	26	27	29	27	43	61	73	82	51
03-05 LST	76	72	57	43	29	31	34	35	50	64	80	84	54
06-08 LST	78	78	65	51	33	33	42	42	57	67	80	86	59
09-11 LST	83	77	70	48	34	36	39	35	57	76	85	89	60
12-14 LST	79	69	60	46	41	46	50	37	51	66	83	82	59
15-17 LST	70	61	50	54	50	53	58	44	43	60	75	80	58
18-20 LST	71	62	46	41	37	40	40	33	34	50	77	79	51
21-23 LST	74	64	54	35	29	30	34	24	41	58	76	83	50
ALL HOURS	76	69	57	45	35	37	41	35	47	63	79	83	55

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	68	59	50	31	14	16	17	15	32	46	59	70	40
03-05 LST	65	63	51	33	19	30	22	22	38	51	65	73	43
06-08 LST	67	68	58	39	25	25	32	31	48	56	67	75	49
09-11 LST	74	71	64	40	22	24	28	31	49	68	72	81	52
12-14 LST	70	65	49	24	14	14	13	12	27	49	69	74	40
15-17 LST	61	52	37	18	12	10	13	8	15	38	56	67	32
18-20 LST	62	51	32	15	10	10	11	8	17	36	58	67	31
21-23 LST	62	55	44	24	10	11	12	10	29	44	59	70	36
ALL HOURS	66	60	48	28	16	16	19	17	32	49	63	72	40

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	42	40	30	14	6	5	7	7	18	30	42	52	24
03-05 LST	45	41	34	17	9	11	10	11	22	31	47	54	28
06-08 LST	50	47	41	23	16	13	18	17	31	39	48	58	33
09-11 LST	57	56	45	26	12	10	11	14	33	43	55	60	35
12-14 LST	48	47	33	11	4	4	4	4	11	29	48	56	25
15-17 LST	37	35	22	5	3	4	4	2	7	19	35	47	18
18-20 LST	40	31	20	8	4	4	3	2	7	17	37	46	18
21-23 LST	40	37	30	11	4	3	4	4	11	24	42	52	22
ALL HOURS	45	42	32	14	7	7	7	8	18	29	44	53	25

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	5	5	1	1	0	#	1	1	4	7	7	3
03-05 LST	4	5	8	2	1	2	1	1	2	4	9	6	4
06-08 LST	6	5	8	4	4	1	2	3	5	6	8	7	5
09-11 LST	5	7	12	3	#	#	1	2	4	8	9	5	5
12-14 LST	4	5	4	1	#	#	0	0	0	3	7	8	3
15-17 LST	3	2	3	0	C	0	1	0	0	2	4	7	2
18-20 LST	3	3	4	0	#	#	#	0	#	2	5	7	2
21-23 LST	3	6	5	1	#	#	#	0	#	2	9	7	3
ALL HOURS	4	5	6	2	1	#	1	1	1	4	7	7	3

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: KAUNAS, USSR
 LOCATION: 54°53'N, 23°53'E
 PREPARED BY USAFETAC/ECR DEC 1985

STATION #: 266290
 ELEVATION (FEET): 246
 PERIOD: VARIED

ICAO ID:
 LST - GMT +3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	2	1	#	1	0	0	0	0	#
03-05 LST	0	0	0	0	#	#	1	2	0	0	0	0	#
06-08 LST	0	0	#	#	0	#	0	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	#	#	0	0	0	0	#
12-14 LST	0	0	0	0	0	#	1	0	0	0	0	0	#
15-17 LST	0	#	0	#	1	2	2	1	#	0	0	0	1
18-20 LST	0	0	0	#	2	3	3	2	1	#	0	0	1
21-23 LST	0	0	0	#	2	3	3	2	#	#	0	0	1
ALL HOURS	0	#	#	#	1	1	1	1	#	#	0	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	11	11	8	9	7	7	8	12	15	17	10
03-05 LST	9	6	12	11	9	7	8	8	7	14	16	16	9
06-08 LST	8	7	9	10	8	7	7	8	7	15	12	13	9
09-11 LST	8	5	10	9	8	10	6	7	8	14	14	14	9
12-14 LST	7	5	8	11	9	13	9	6	4	12	15	10	9
15-17 LST	7	4	8	11	7	9	13	9	7	13	17	15	10
18-20 LST	8	6	9	11	6	11	12	5	11	12	17	18	10
21-23 LST	8	6	9	15	8	10	8	6	10	13	16	17	10
ALL HOURS	8	6	10	11	8	9	9	7	8	13	15	15	10

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	12	8	3	0	0	0	0	0	1	6	18	6
03-05 LST	21	13	10	4	1	0	0	0	0	1	5	17	6
06-08 LST	23	14	10	4	#	0	0	0	0	1	8	18	6
09-11 LST	20	17	11	4	1	0	0	0	#	1	7	18	5
12-14 LST	21	17	9	3	#	0	0	0	#	#	8	13	6
15-17 LST	17	10	7	4	#	0	0	0	0	#	5	14	5
18-20 LST	17	12	7	3	#	0	0	0	0	#	7	11	5
21-23 LST	20	14	9	1	0	#	0	0	0	0	5	12	5
ALL HOURS	20	13	9	3	#	#	0	0	#	#	6	15	5

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	0	0	#	#	0	0	0	1	1	#
03-05 LST	1	0	1	0	0	0	0	0	0	0	#	2	#
06-08 LST	#	#	0	0	0	0	0	0	0	0	#	#	#
09-11 LST	#	0	0	0	0	0	0	#	1	#	1	0	#
12-14 LST	1	#	0	1	0	0	0	1	0	#	1	#	#
15-17 LST	1	#	0	1	#	#	#	0	0	#	#	1	#
18-20 LST	1	1	0	0	#	0	0	0	0	#	#	1	#
21-23 LST	0	1	0	0	0	1	#	0	0	1	#	#	#
ALL HOURS	1	#	#	#	#	#	#	#	#	#	#	1	#

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - OCT 84, 3 HRLY
 2. NATIONAL INTELLIGENCE SURVEY, POR 10-68 YRS
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	37	28	13	5	5	7	6	16	27	38	47	22
03-05 LST	40	36	31	15	7	10	9	9	21	29	41	49	25
06-08 LST	45	43	38	21	14	12	16	14	29	35	44	51	30
09-11 LST	52	52	45	24	11	9	8	13	31	39	52	55	32
12-14 LST	46	45	31	10	3	4	3	3	10	26	45	52	33
15-17 LST	34	32	21	5	3	3	4	1	6	17	33	44	17
18-20 LST	36	29	19	7	2	3	2	2	7	17	35	42	17
21-23 LST	36	33	29	10	4	2	4	4	11	22	37	46	20
ALL HOURS	41	38	30	13	6	6	7	7	17	27	41	48	23

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	23	17	7	2	3	1	2	5	14	25	32	13
03-05 LST	23	27	19	9	4	5	3	5	10	15	26	31	15
06-08 LST	27	27	22	14	10	6	7	8	15	22	27	31	18
09-11 LST	27	32	31	13	4	2	3	5	18	25	33	33	19
12-14 LST	29	28	19	6	1	1	1	1	4	16	27	33	14
15-17 LST	20	17	13	2	1	1	1	1	2	8	19	28	9
18-20 LST	20	20	14	2	1	2	1	1	3	8	24	28	10
21-23 LST	21	19	17	4	1	1	1	1	6	10	25	30	11
ALL HOURS	24	24	19	7	3	3	2	3	8	15	26	31	14

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	13	11	4	1	1	1	1	1	8	15	17	7
03-05 LST	12	16	14	5	2	3	1	4	4	9	16	16	8
06-08 LST	13	14	15	9	6	3	4	4	8	13	17	18	10
09-11 LST	12	20	21	8	2	1	1	4	11	16	16	18	11
12-14 LST	15	15	14	3	1	#	0	0	#	7	16	20	8
15-17 LST	10	9	9	#	0	0	1	#	1	3	10	17	5
18-20 LST	11	10	9	1	1	1	1	#	2	4	13	19	5
21-23 LST	11	12	9	3	1	1	#	0	2	6	15	20	7
ALL HOURS	12	13	13	4	2	1	1	2	4	8	15	18	8

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	1	0	0	#	0	#	2	3	4	1
03-05 LST	2	2	4	1	0	1	0	1	1	2	5	2	2
06-08 LST	3	2	4	2	3	1	1	2	3	3	4	3	3
09-11 LST	2	3	7	2	0	#	1	1	3	5	4	1	2
12-14 LST	2	2	2	#	#	#	0	0	0	1	2	4	1
15-17 LST	#	1	1	0	0	0	0	0	0	1	2	3	1
18-20 LST	1	1	2	0	0	0	0	0	0	1	3	3	1
21-23 LST	1	2	2	0	0	0	0	0	0	1	4	4	1
ALL HOURS	2	2	3	1	#	#	#	1	1	2	3	3	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: VILNIUS, LITHUANIA
LOCATION: 5438N 2518E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 267300
ELEVATION (FEET): 620
PERIOD: 7301-9012

ICAO: UHVV
LST = GMT + 3

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	50	55	72	77	90	90	88	87	86	73	52	57	90
MEAN DAILY MAX	1	26	28	37	49	62	66	69	68	59	49	37	30	48
MEAN	1	23	24	33	43	54	60	61	61	52	44	35	27	43
MEAN DAILY MIN	1	18	18	25	35	45	51	53	52	45	38	30	23	36
EXTREME MIN	1	-21	-15	-11	17	27	35	32	32	27	12	-1	-21	-21
# DAYS GE 90	1	0	0	0	0	#	#	0	0	0	0	0	0	#
# DAYS LE 32	1	28	26	24	12	1	0	#	#	1	7	16	27	142
# DAYS LE 0	1	3	2	#	0	0	0	0	0	0	0	#	1	6
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.3	1.0	1.0	1.4	2.1	2.9	3.1	3.8	2.0	1.8	1.5	1.4	23.3
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	23	18	17	14	13	14	16	12	16	16	21	24	204
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	19	14	10	4	1	#	#	#	#	1	9	18	76
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (06 LST)	1	87	86	84	84	83	88	91	92	92	90	90	90	88
RH (15 LST)	1	83	77	67	56	51	59	62	59	66	72	83	86	68
VAPOR PRESS	1	.12	.12	.15	.19	.28	.37	.43	.42	.33	.25	.19	.14	.25
DEWPOINT	1	19	19	26	32	42	50	54	53	46	39	32	24	36
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	S	S	SE	W	N	W	W	\$W	W	S	S	S	S
MEAN SPEED														
(PVLG DRCTN)	1	10	9	9	9	8	8	8	8	9	9	10	11	9
MEAN SPEED														
(ALL OBS)	1	9	9	9	8	8	6	7	6	7	9	9	10	8
MAX PEAK GUST	1	45	37	41	31	31	27	27	29	27	33	35	47	47
PRESSURE ALT	1	1150	1700	1510	950	700	900	850	800	1100	1200	1200	1350	1700
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	7	6	6	5	5	5	5	5	6	6	7	7	6
DAYS TSTMS	1	#	0	#	1	4	5	6	4	1	0	#	#	21
DAYS FOG LT 7	1	22	19	19	17	15	15	18	19	20	23	23	23	233
DAYS BNBD LT 7	1	#	#	#	0	0	0	#	#	0	#	#	#	#
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN														

(VILNIUS, LITHUANIA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 60, 23 YEARS OF RECORD

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	82	67	54	39	30	35	40	37	57	63	82	86	56
03-05 LST	81	71	58	40	37	42	53	47	65	69	86	88	61
06-08 LST	86	74	64	50	45	51	62	64	73	75	87	87	68
09-11 LST	85	81	71	53	40	43	55	53	75	78	89	88	68
12-14 LST	85	73	65	44	34	40	49	38	65	69	86	88	61
15-17 LST	78	67	53	38	33	41	44	39	57	62	80	85	56
18-20 LST	81	66	47	34	27	33	39	30	46	55	81	84	52
21-23 LST	80	64	48	32	24	25	32	28	50	57	82	86	51
ALL HOURS	82	70	57	41	34	39	47	42	61	66	84	86	59

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	76	63	46	33	24	27	30	32	48	54	72	80	49
03-05 LST	75	67	52	35	32	37	47	42	58	59	78	81	55
06-08 LST	78	71	58	45	39	45	57	58	67	68	79	80	62
09-11 LST	80	77	65	48	33	37	48	48	68	70	83	79	61
12-14 LST	79	69	55	30	19	24	28	24	48	58	76	81	49
15-17 LST	70	58	39	24	12	18	17	15	30	40	66	77	39
18-20 LST	74	58	32	20	12	13	14	15	26	41	67	78	38
21-23 LST	73	58	37	25	16	14	18	21	39	47	71	78	41
ALL HOURS	76	65	48	32	23	27	32	32	48	55	74	79	49

9. % FRE OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	50	40	25	14	8	10	10	13	22	27	50	58	27
03-05 LST	48	43	27	16	12	15	20	21	33	32	55	58	32
06-08 LST	53	45	34	23	20	23	33	34	42	41	57	58	39
09-11 LST	52	51	39	27	17	18	25	27	46	47	59	58	39
12-14 LST	54	45	31	15	7	8	12	8	25	32	54	59	29
15-17 LST	43	33	19	9	5	5	6	4	13	18	44	55	21
18-20 LST	43	33	17	8	4	3	4	4	10	20	46	56	21
21-23 LST	48	35	19	11	6	4	7	7	20	23	49	57	24
ALL HOURS	49	41	26	15	10	11	15	15	26	30	52	58	29

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	7	4	1	1	1	1	1	3	5	8	7	4
03-05 LST	6	7	7	2	2	2	2	4	6	7	10	8	5
06-08 LST	9	7	6	5	3	5	6	7	10	12	11	7	7
09-11 LST	8	9	7	6	3	2	3	4	9	12	10	9	7
12-14 LST	8	8	5	1	1	#	0	0	2	5	7	9	4
15-17 LST	5	6	2	#	#	0	#	#	1	2	4	9	2
18-20 LST	5	5	1	#	#	#	#	#	#	1	5	10	2
21-23 LST	5	5	2	#	#	#	1	#	1	3	7	8	3
ALL HOURS	6	6	4	2	1	1	2	2	4	6	8	8	4

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: VILNIUS, LITHUANIA
 LOCATION: 5438N 2518E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 267300
 ELEVATION (FEET): 620
 PERIOD: 7301-9012

ICAO: UMWV
 LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	1	1	1	1	#	0	0	0	#
03-05 LST	#	0	0	0	#	1	#	1	0	0	#	#	#
06-08 LST	#	0	#	0	#	#	#	1	0	0	0	0	#
09-11 LST	0	0	0	#	#	#	0	#	0	0	0	0	#
12-14 LST	#	0	0	0	#	#	#	#	#	0	0	0	#
15-17 LST	#	0	0	1	1	3	1	1	0	0	0	0	1
18-20 LST	0	0	#	0	2	2	3	1	#	0	0	0	1
21-23 LST	0	0	0	0	2	2	2	#	1	0	0	0	1
ALL HOURS	#	0	#	#	1	1	1	1	#	0	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	12	11	7	8	9	7	13	14	15	14	11
03-05 LST	10	6	9	10	7	8	9	8	10	12	14	12	10
06-08 LST	9	5	9	9	7	8	8	8	11	13	13	12	9
09-11 LST	10	7	8	11	7	9	9	8	10	10	13	9	9
12-14 LST	10	7	9	10	8	10	8	6	9	12	13	11	10
15-17 LST	9	6	8	9	9	10	12	9	11	11	14	12	10
18-20 LST	9	7	8	10	9	9	12	9	11	11	16	12	10
21-23 LST	10	7	9	7	9	6	11	6	12	11	14	12	10
ALL HOURS	10	7	9	9	8	9	10	7	11	12	14	12	10

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	19	10	2	#	0	0	0	#	1	8	17	7
03-05 LST	23	17	10	3	#	#	0	0	0	1	8	17	7
06-08 LST	23	21	13	3	#	0	0	0	0	1	9	18	7
09-11 LST	26	18	12	7	1	0	0	#	#	1	8	17	7
12-14 LST	30	25	12	5	1	0	0	0	#	2	10	23	9
15-17 LST	20	18	9	4	#	0	0	0	#	1	7	19	7
18-20 LST	21	18	10	4	#	0	#	0	0	1	8	18	7
21-23 LST	23	16	8	2	#	0	0	0	0	1	7	18	6
ALL HOURS	24	19	10	4	#	#	#	#	#	1	8	18	7

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	#	#	0	#	1	#	2	1	1	1
03-05 LST	2	2	4	#	0	0	#	#	1	2	1	1	1
06-08 LST	3	1	2	0	#	0	0	#	0	2	1	2	1
09-11 LST	2	2	2	#	0	#	1	#	#	2	1	1	1
12-14 LST	1	2	5	1	#	0	#	#	#	2	2	2	1
15-17 LST	2	2	8	1	#	0	1	#	#	2	2	2	2
18-20 LST	2	2	7	1	1	#	1	#	1	2	2	1	2
21-23 LST	2	3	2	#	#	1	1	#	1	3	1	2	1
ALL HOURS	2	2	4	#	#	#	#	#	#	2	1	1	1

(VILNIUS, LITHUANIA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, THREE HOURLY
2.

5. X FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	43	37	23	13	8	8	9	12	20	24	46	53	25
03-05 LST	45	38	24	15	11	13	17	19	30	29	50	52	28
06-08 LST	48	42	31	21	19	21	30	32	38	37	52	53	35
09-11 LST	47	47	34	25	14	15	22	24	42	42	53	54	35
12-14 LST	49	42	28	13	5	6	9	6	20	28	48	54	26
15-17 LST	38	31	17	7	3	3	5	2	11	16	37	49	18
18-20 LST	38	29	16	7	3	2	3	3	9	16	42	51	18
21-23 LST	40	32	17	9	5	3	5	6	18	20	45	52	21
ALL HOURS	44	37	24	14	8	9	12	13	23	27	47	52	26

6. X FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	31	20	10	6	6	6	9	17	19	36	42	20
03-05 LST	38	32	21	12	8	9	12	15	24	24	38	42	23
06-08 LST	38	35	25	17	14	17	24	26	31	30	40	41	28
09-11 LST	39	40	28	21	9	10	13	17	31	34	42	41	27
12-14 LST	42	37	22	10	4	4	4	4	13	22	35	43	20
15-17 LST	32	26	13	5	2	1	3	1	7	13	28	39	14
18-20 LST	32	25	14	5	2	2	1	2	6	13	31	40	15
21-23 LST	37	28	14	7	3	2	3	3	12	16	34	39	17
ALL HOURS	37	32	20	11	6	6	8	10	17	21	36	41	20

7. X FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	13	9	3	3	2	3	3	5	9	19	18	8
03-05 LST	16	12	10	5	4	4	5	7	12	12	20	18	10
06-08 LST	18	16	12	9	6	8	11	13	18	18	22	17	14
09-11 LST	16	18	14	10	4	3	5	8	17	18	22	18	13
12-14 LST	15	17	10	4	1	1	1	1	5	8	18	19	8
15-17 LST	11	12	5	1	1	#	1	#	2	5	12	18	6
18-20 LST	13	10	5	2	#	#	1	#	1	5	14	19	6
21-23 LST	14	11	6	2	1	#	1	#	4	9	16	17	7
ALL HOURS	14	14	9	4	3	3	3	4	8	10	18	18	9

8. X FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	5	3	1	#	1	1	#	2	3	5	5	2
03-05 LST	4	5	5	1	1	1	1	3	4	5	7	5	4
06-08 LST	7	5	5	4	2	3	4	5	7	8	7	5	5
09-11 LST	4	7	6	4	2	1	1	3	8	8	8	5	5
12-14 LST	5	6	4	1	#	#	0	0	1	3	4	5	2
15-17 LST	3	4	1	#	#	0	0	0	#	1	3	4	1
18-20 LST	3	4	1	#	0	#	#	#	#	1	3	5	1
21-23 LST	3	5	2	0	#	0	#	#	#	2	4	5	2
ALL HOURS	4	5	3	1	1	1	1	1	3	4	5	5	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KISHINEV, MOLDOVA
 LOCATION: 4701N 2853E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 338150
 ELEVATION (FEET): 312
 PERIOD: 7301-9012

ICAO: UKII
 LST = GMT + 3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	54	69	75	82	86	91	97	94	91	83	66	97
MEAN DAILY MAX	1	31	33	43	57	68	74	77	76	69	57	43	55
MEAN	1	27	29	37	50	61	66	69	68	61	50	38	49
MEAN DAILY MIN	1	22	24	31	42	52	57	60	59	53	43	33	42
EXTREME MIN	1	-7	-3	3	27	32	32	50	44	25	23	13	-7
# DAYS GE 90	1	0	0	0	0	0	#	1	1	#	0	0	2
# DAYS LE 32	1	26	23	17	2	#	#	0	0	#	3	13	107
# DAYS LE 0	1	#	#	0	0	0	0	0	0	0	0	#	1
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	16	16	15	14	13	12	11	8	7	9	14	151
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	9	10	7	1	#	0	0	#	0	#	4	38
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (06 LST)	1	84	84	84	80	78	81	81	80	81	83	86	82
RH (15 LST)	1	73	71	63	50	46	47	49	45	47	55	70	58
VAPOR PRESS	1	.13	.14	.17	.23	.33	.42	.46	.43	.35	.27	.20	.27
DEWPOINT	1	22	23	29	37	46	53	56	54	48	41	32	39
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	NNW	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
MEAN SPEED													
(PVLG DRCTN)	1	8	7	7	8	7	7	7	6	6	6	7	7
MEAN SPEED													
(ALL OBS)	1	6	7	7	7	6	6	5	5	5	5	6	6
MAX PEAK GUST	1	37	43	37	35	33	29	29	25	29	29	35	43
PRESSURE ALT	1	1480	1480	1130	1130	1130	1070	1010	1030	1680	1080	1590	1680
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	2	2	1	1	0	0	0	0	0	1	2	1
DAYS TSTMS	1	#	#	#	2	6	9	9	5	2	1	#	35
DAYS FOG LT 7	1	19	16	18	11	9	8	8	9	11	15	19	161
DAYS BNBD LT 7	1	#	#	#	#	0	#	#	#	#	0	0	1
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

(KISHINEV, MOLDOVA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, 1 JAN 73-31 DEC 90, THREE HOURLY
2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	54	54	43	26	15	15	13	13	12	28	51	54	31
03-05 LST	59	61	50	31	17	16	17	16	17	34	53	59	36
06-08 LST	63	64	54	38	26	28	23	24	22	39	56	62	41
09-11 LST	70	66	64	44	27	26	22	21	32	50	66	63	46
12-14 LST	63	60	56	39	23	28	23	17	23	40	60	62	41
15-17 LST	53	55	50	39	29	33	34	23	22	29	53	57	40
18-20 LST	51	49	43	31	21	25	22	16	12	24	48	56	33
21-23 LST	52	47	40	27	16	17	14	16	11	23	48	53	30
ALL HOURS	58	57	50	34	22	23	21	18	19	33	54	58	37

8. FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	43	44	32	18	8	6	6	7	7	16	40	41	22
03-05 LST	48	48	39	24	12	10	10	10	10	23	41	44	27
06-08 LST	50	54	44	31	21	22	16	16	16	29	44	49	33
09-11 LST	59	57	57	37	20	19	14	16	25	43	58	53	38
12-14 LST	55	52	45	21	10	10	7	8	11	27	50	51	29
15-17 LST	42	41	31	18	9	7	8	5	6	14	38	42	22
18-20 LST	40	38	27	15	6	7	7	4	5	12	36	43	20
21-23 LST	39	38	29	17	8	6	4	6	5	12	37	41	20
ALL HOURS	47	46	38	23	12	11	9	9	11	22	43	46	26

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	33	24	10	3	2	2	2	3	11	30	31	15
03-05 LST	35	36	31	13	6	5	5	5	6	16	33	34	19
06-08 LST	37	40	33	20	10	9	6	8	11	23	35	37	22
09-11 LST	40	38	37	20	9	7	4	5	10	24	39	35	22
12-14 LST	33	33	25	9	3	2	1	2	1	11	30	31	15
15-17 LST	22	26	17	7	2	1	1	1	1	5	20	22	10
18-20 LST	22	23	15	5	1	2	1	1	1	5	24	27	11
21-23 LST	28	30	19	6	2	2	1	2	2	9	28	31	13
ALL HOURS	31	32	25	11	4	4	3	3	5	13	30	31	16

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	9	5	1	#	#	0	#	0	2	9	7	3
03-05 LST	7	10	9	2	1	1	#	1	#	3	10	8	4
06-08 LST	8	12	11	3	4	2	#	1	2	6	11	10	6
09-11 LST	11	14	14	2	2	1	#	#	3	8	15	13	7
12-14 LST	9	11	5	1	#	1	0	#	0	1	11	9	4
15-17 LST	5	7	3	0	#	0	#	#	0	1	7	6	2
18-20 LST	4	9	5	#	#	1	#	0	#	1	8	8	3
21-23 LST	6	8	5	#	1	1	#	#	#	1	9	8	3
ALL HOURS	7	10	7	1	1	1	#	#	1	3	10	9	4

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KISHINEV, MOLDOVA
 LOCATION: 4701N 2853E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 338150
 ELEVATION (FEET): 312
 PERIOD: 7301-9012

ICAO: UKII
 LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	3	2	2	1	1	#	0	0	1
03-05 LST	#	0	0	0	#	2	2	1	1	0	#	0	#
06-08 LST	0	0	0	0	1	1	2	1	#	0	#	0	#
09-11 LST	0	0	#	0	1	#	1	#	0	0	#	0	#
12-14 LST	0	0	#	0	#	#	1	1	#	0	0	0	#
15-17 LST	0	0	0	1	4	5	3	2	1	#	0	0	1
18-20 LST	0	#	0	1	5	7	5	5	1	0	0	0	2
21-23 LST	#	0	0	#	3	6	4	3	1	#	0	0	2
ALL HOURS	#	#	#	#	2	3	3	2	1	#	#	0	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	7	7	11	11	8	5	4	6	5	10	8	7
03-05 LST	6	6	8	10	8	9	6	5	4	7	10	9	7
06-08 LST	6	5	7	12	7	8	5	4	6	6	10	7	7
09-11 LST	6	6	10	13	8	7	7	5	5	9	13	9	8
12-14 LST	6	5	8	12	7	5	7	4	4	6	11	7	7
15-17 LST	5	4	6	11	10	10	7	4	4	6	10	8	7
18-20 LST	4	5	6	12	9	9	8	6	5	5	9	7	7
21-23 LST	5	6	7	10	9	10	8	6	5	5	11	8	8
ALL HOURS	6	6	7	11	8	8	6	5	5	6	11	8	7

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	13	7	1	#	0	0	0	0	1	3	8	4
03-05 LST	9	13	7	1	0	0	0	#	0	#	2	7	3
06-08 LST	11	14	8	1	0	0	0	0	0	1	5	7	4
09-11 LST	10	14	12	3	0	0	0	0	0	1	6	8	4
12-14 LST	19	17	10	2	0	0	#	0	0	1	6	12	6
15-17 LST	12	16	9	1	0	#	0	0	0	#	5	9	4
18-20 LST	10	11	7	1	0	0	0	#	0	1	4	7	3
21-23 LST	9	12	7	1	0	0	0	0	0	1	4	7	3
ALL HOURS	12	14	8	1	#	#	#	#	0	1	4	8	4

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	#	1	#	#	0	#	#	1	2	1
03-05 LST	2	1	1	2	#	#	1	0	0	1	1	2	1
06-08 LST	2	2	1	1	1	#	#	0	0	1	1	1	1
09-11 LST	2	1	1	1	1	#	#	0	0	#	2	1	1
12-14 LST	2	1	1	1	2	0	1	#	#	1	1	1	1
15-17 LST	2	2	3	2	3	1	#	#	#	1	1	2	1
18-20 LST	2	2	1	3	2	#	#	0	#	#	1	2	1
21-23 LST	2	2	2	2	3	#	#	1	0	#	1	1	1
ALL HOURS	2	1	1	1	2	#	#	#	#	#	1	2	1

(KISHINEV, MOLDOVA)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, 1 JAN 73-31 DEC 90, THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	29	30	23	9	3	2	2	2	3	10	29	28	14
03-05 LST	32	33	29	11	5	5	4	4	6	15	30	33	17
06-08 LST	34	38	31	17	9	8	5	8	10	21	33	35	21
09-11 LST	37	36	34	18	7	6	4	4	9	22	37	32	21
12-14 LST	32	32	23	7	2	2	1	1	1	9	28	30	14
15-17 LST	20	23	15	5	1	1	1	1	#	4	18	20	9
18-20 LST	19	21	13	4	1	1	1	1	1	4	23	25	10
21-23 LST	26	27	18	5	2	2	1	2	2	8	26	28	12
ALL HOURS	29	30	23	9	4	3	2	3	4	12	28	29	15

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	25	18	5	2	1	1	1	2	9	24	25	11
03-05 LST	24	26	22	7	4	3	2	2	4	12	25	27	13
06-08 LST	27	32	26	13	6	5	3	3	8	17	29	29	17
09-11 LST	29	28	28	11	4	3	1	2	7	18	31	27	16
12-14 LST	24	24	18	5	1	1	#	#	1	7	22	22	10
15-17 LST	14	16	9	3	1	1	#	#	#	2	15	15	6
18-20 LST	14	16	10	3	1	1	1	#	1	3	20	21	7
21-23 LST	20	21	15	3	1	1	#	1	1	5	20	22	9
ALL HOURS	22	24	18	6	2	2	1	1	3	9	23	23	11

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	12	7	2	1	1	#	#	0	2	12	11	5
03-05 LST	10	13	11	3	1	1	#	1	1	4	13	13	6
06-08 LST	11	16	14	4	5	3	1	1	3	9	15	14	8
09-11 LST	16	19	19	5	3	2	#	#	4	13	20	19	10
12-14 LST	14	16	8	2	#	1	0	#	#	3	16	14	6
15-17 LST	7	10	5	1	#	0	#	#	#	1	10	9	4
18-20 LST	7	11	6	1	#	1	1	0	1	2	11	11	4
21-23 LST	9	11	6	1	1	1	#	#	#	1	12	12	5
ALL HOURS	10	14	10	2	1	1	#	#	1	4	13	13	6

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	8	4	1	0	0	0	0	0	1	6	6	3
03-05 LST	6	9	8	1	#	1	#	1	0	2	8	8	4
06-08 LST	7	11	10	2	3	2	#	#	1	5	9	8	5
09-11 LST	9	12	13	2	1	#	#	0	2	6	13	10	6
12-14 LST	7	8	4	1	#	#	0	0	0	1	8	8	3
15-17 LST	4	5	2	0	#	0	0	0	0	#	5	6	2
18-20 LST	3	8	4	#	#	1	0	0	#	1	6	7	2
21-23 LST	4	7	4	#	#	#	0	0	#	1	7	7	3
ALL HOURS	6	9	6	1	1	#	#	#	#	2	8	7	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ACHINSK-IN-KRASNOY, USSR
 LOCATION: 5617N 9031E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 294670
 ELEVATION (FEET): 892
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT + 7

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	39	42	54	70	90	90	90	86	84	69	50	40	90
MEAN DAILY MAX	8	10	24	39	54	69	72	66	55	36	23	12	39
MEAN	4	5	19	34	47	62	65	59	49	32	19	8	34
MEAN DAILY MIN	0	0	13	26	39	53	57	51	42	27	13	2	27
EXTREME MIN	-40	-42	-22	-6	21	28	43	32	21	-6	-34	-44	-44
# DAYS GE 90	0	0	0	0	1	1	1	0	0	0	0	0	3
# DAYS LE 32	31	28	30	21	7	0	0	0	2	21	29	31	200
# DAYS LE 0	16	15	5	1	0	0	0	0	0	1	5	12	55
2. PRECIPITATION (INCHES)													
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 0.004	16	11	12	9	10	6	7	8	8	14	16	15	132
# DAYS GE 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS SNOWFALL	14	10	9	4	1	0	0	0	0	7	12	13	70
# DAYS GE 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (7 LST)	77	77	75	71	68	73	81	87	85	79	76	75	77
RH (16 LST)	72	66	59	50	44	43	51	55	54	64	71	73	59
VAPOR PRESS	.05	.05	.08	.12	.18	.32	.42	.37	.25	.14	.09	.06	.18
DEWPOINT	-1	-1	10	20	30	45	53	49	39	24	12	1	23
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	SW	WSW	WSW	WSW	WSW	WSW	W	WSW	WSW	SW	SW	WSW	WSW
MEAN SPEED													
(PVLG DRCTN)	10	9	10	10	10	8	7	8	8	11	11	10	9
MEAN SPEED													
(ALL OBS)	9	8	9	9	9	7	6	7	7	9	10	9	8
MAX PEAK GUST	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1400	1300	1450	1700	1550	1550	1800	1550	1400	1600	1600	1400	1800
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	6	5	6	5	6	5	5	5	5	6	6	6	6
DAYS TSMS	0	0	0	0	1	4	7	5	1	0	0	0	18
DAYS FOG LT 7	5	6	2	1	1	2	5	5	4	2	3	4	40
DAYS BNBD LT 7	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = 1 A NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 † = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	34	29	29	30	36	28	28	34	37	53	49	37	35
03-05 LST	40	30	29	33	45	33	37	39	42	53	51	40	39
06-08 LST	34	28	33	35	42	35	38	46	53	54	52	39	41
09-11 LST	49	55	38	33	43	32	33	37	52	50	54	54	44
12-14 LST	39	33	29	39	53	39	42	50	48	57	50	45	44
15-17 LST	39	26	26	41	53	39	47	46	46	52	45	44	42
18-20 LST	31	24	26	32	44	30	36	39	37	48	47	41	36
21-23 LST	34	26	25	29	41	29	32	36	37	48	49	40	35
ALL HOURS	37	31	29	34	45	33	37	41	44	52	50	43	40

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	17	12	11	6	5	10	10	9	17	21	19	13
03-05 LST	24	20	14	11	10	11	16	15	12	19	21	25	16
06-08 LST	23	19	18	16	14	10	20	25	30	19	24	24	20
09-11 LST	40	50	32	13	12	8	14	20	26	24	39	40	26
12-14 LST	33	28	17	12	10	7	10	15	14	20	29	36	19
15-17 LST	29	20	14	13	7	5	8	10	11	20	25	32	16
18-20 LST	20	17	12	11	7	3	10	10	7	18	19	25	13
21-23 LST	22	17	11	10	8	5	11	8	9	15	22	23	13
ALL HOURS	27	23	16	12	9	7	12	14	15	19	25	28	17

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	2	3	1	1	1	2	2	6	6	4	3
03-05 LST	5	4	2	4	3	2	5	7	3	5	7	8	5
06-08 LST	7	7	5	9	4	2	7	12	10	5	8	9	7
09-11 LST	14	14	14	6	3	1	0	6	8	9	17	19	9
12-14 LST	14	12	8	5	1	1	2	1	2	9	13	17	7
15-17 LST	12	9	5	4	2	1	#	1	1	8	11	17	6
18-20 LST	6	6	5	4	2	1	2	2	1	5	7	9	4
21-23 LST	5	5	4	2	2	1	2	1	1	4	4	6	3
ALL HOURS	9	7	6	5	2	1	2	4	3	6	9	11	6

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	#	#	0	1	0	1	1	1	#	1	#
03-05 LST	#	#	0	1	#	1	1	3	1	1	1	1	1
06-08 LST	#	1	1	3	1	1	2	3	4	2	1	2	2
09-11 LST	#	1	1	2	0	1	0	1	2	2	1	2	1
12-14 LST	1	1	1	2	0	#	1	#	0	#	1	1	1
15-17 LST	1	1	1	1	#	#	0	0	0	1	1	2	1
18-20 LST	#	#	#	1	#	0	0	#	1	0	#	1	#
21-23 LST	0	1	#	1	1	1	0	1	1	1	1	2	1
ALL HOURS	#	1	1	1	#	1	1	1	1	1	1	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ACHINSK-IN-KRASNOY, USSR
LOCATION: 5617N 9031E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 294670
ELEVATION (FEET): 892
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 7

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	1	2	1	0	0	0	0	#
03-05 LST	0	0	0	0	#	2	#	0	0	#	#	0	#
06-08 LST	#	#	0	#	#	1	1	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	1	0	0	0	0	#
12-14 LST	0	0	0	0	0	1	2	1	0	#	0	0	#
15-17 LST	0	0	0	0	1	2	6	3	1	0	0	#	1
18-20 LST	0	0	0	0	1	1	6	4	#	0	0	0	1
21-23 LST	0	0	0	0	#	2	3	1	0	0	0	0	1
ALL HOURS	#	#	0	#	#	1	3	1	#	#	#	#	0

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	0	4	8	6	7	6	8	7	1	#	4
03-05 LST	1	0	1	3	10	9	4	6	7	5	2	1	4
06-08 LST	0	0	1	3	8	8	7	9	10	6	3	#	5
09-11 LST	1	0	0	5	8	7	7	9	5	9	5	0	5
12-14 LST	#	0	1	4	9	10	7	10	10	9	3	#	5
15-17 LST	1	0	1	6	8	9	7	11	10	8	2	0	5
18-20 LST	1	#	1	6	10	6	8	11	8	7	2	#	5
21-23 LST	#	#	#	5	10	7	9	9	9	4	3	0	5
ALL HOURS	1	#	1	4	9	8	7	9	8	7	3	#	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	41	30	24	11	2	#	0	0	2	19	37	38	17
03-05 LST	43	31	29	13	3	#	0	0	1	20	34	37	18
06-08 LST	44	33	29	15	4	1	0	0	1	20	36	38	18
09-11 LST	35	38	28	16	6	0	0	0	3	19	36	36	18
12-14 LST	34	25	26	13	6	0	0	0	1	22	35	35	17
15-17 LST	32	21	22	11	4	#	0	0	1	18	31	36	15
18-20 LST	33	18	17	10	2	0	0	0	1	17	31	37	14
21-23 LST	35	25	18	9	1	0	0	0	1	19	35	37	15
ALL HOURS	37	28	24	12	3	#	0	0	1	19	34	37	16

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	0	1	0	0	0	0	1	#	0	#
03-05 LST	1	#	0	1	#	0	#	0	0	#	1	1	#
06-08 LST	0	#	1	0	0	0	0	#	0	2	0	0	#
09-11 LST	1	0	0	1	0	0	0	0	0	1	#	#	#
12-14 LST	#	#	#	1	#	0	0	0	0	1	1	1	#
15-17 LST	0	1	1	1	1	1	0	0	#	#	0	1	#
18-20 LST	#	0	0	#	0	#	0	0	#	0	#	#	#
21-23 LST	#	0	0	1	#	0	0	0	#	1	1	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	1	1	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	2	3	1	1	1	2	1	6	6	4	3
03-05 LST	5	4	2	4	2	2	5	6	3	5	7	8	4
06-08 LST	7	7	5	9	3	2	6	11	10	4	8	9	7
09-11 LST	14	14	14	6	3	1	0	5	8	9	17	19	9
12-14 LST	14	12	8	5	1	1	2	1	1	8	13	17	7
15-17 LST	12	9	5	4	2	1	0	#	1	8	10	17	6
18-20 LST	6	6	5	4	2	1	1	1	1	4	7	9	4
21-23 LST	5	5	4	2	2	1	1	1	1	4	4	6	3
ALL HOURS	9	7	6	5	2	1	2	3	3	6	9	11	5

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	2	3	#	1	#	2	1	6	6	4	3
03-05 LST	5	4	2	4	2	2	4	5	3	4	7	8	4
06-08 LST	7	7	5	9	2	2	6	10	10	4	8	9	7
09-11 LST	14	14	14	6	2	1	0	4	8	9	17	19	9
12-14 LST	14	12	8	5	1	1	2	1	1	7	13	17	7
15-17 LST	12	9	5	4	2	1	0	#	1	8	10	17	6
18-20 LST	6	6	5	4	2	1	1	1	1	4	6	9	4
21-23 LST	5	5	4	2	1	1	1	1	1	3	4	6	3
ALL HOURS	9	7	6	4	1	1	2	3	3	6	9	11	5

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	#	1	0	1	0	1	1	2	1	1	1
03-05 LST	1	1	0	1	#	1	2	3	1	1	2	2	1
06-08 LST	#	1	1	4	1	2	3	5	6	2	2	4	3
09-11 LST	4	4	3	2	1	1	0	3	2	3	5	7	3
12-14 LST	4	4	1	3	1	1	1	1	#	3	4	4	2
15-17 LST	2	2	1	1	1	#	0	#	#	2	3	5	1
18-20 LST	1	1	#	2	#	#	0	1	1	1	1	3	1
21-23 LST	1	1	1	1	1	1	0	1	1	1	1	2	1
ALL HOURS	2	2	1	2	1	1	1	2	2	2	2	4	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	#	0	0	0	1	1	#	#	#	#
03-05 LST	0	#	0	#	0	1	1	1	1	1	1	1	1
06-08 LST	0	1	1	2	0	1	2	3	1	1	1	2	1
09-11 LST	0	0	0	2	0	1	0	1	2	0	#	1	1
12-14 LST	1	0	#	1	0	#	1	#	0	#	0	1	#
15-17 LST	#	#	0	1	#	#	0	0	0	0	0	#	#
18-20 LST	#	0	#	#	0	0	0	#	1	0	#	0	#
21-23 LST	0	1	#	1	1	1	0	#	1	1	0	1	#
ALL HOURS	#	#	#	1	#	1	#	1	1	#	#	1	#



OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ANADYR, USSR
LOCATION: 64°47'N, 177°35'E
PREPARED BY: USAFETAC/ECR, JUL 1988

STATION #: 255630
ELEVATION (FEET): 203
PERIOD: 7301-8612

ICAO ID: N/A
LST - GMT +13

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	43	37	36	45	50	79	82	75	63	54	41	39	82
MEAN DLY MAX	1	1	-2	0	12	31	46	56	53	43	25	10	1	23
MEAN	1	-4	-7	-5	7	27	42	51	49	39	21	5	-4	18
MEAN DLY MIN	1	-9	-12	-10	1	22	37	47	45	35	17	0	-8	14
EXTREME MIN	2	-60	-60	-42	-33	-11	18	32	25	12	-20	-40	-47	-60
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32	1	31	28	31	30	29	9	#	#	10	30	30	31	258
# DAYS > 0	1	22	21	24	16	#	0	0	0	0	3	16	22	126
2. PRECIPITATION (INCHES)														
MAXIMUM	2	5.0	2.2	2.4	2.4	1.4	2.4	3.4	4.0	2.9	4.0	3.5	4.0	17.4
MEAN	2	0.8	0.6	0.6	0.5	0.4	0.5	1.6	1.8	1.0	1.1	0.7	0.8	10.8
MINIMUM	2	0	0	0	0	0	0	0.3	0.2	0.2	0.1	0	0	0.6
MAX 24 HR	2	#	#	#	#	0.4	1.0	1.8	1.6	1.2	#	#	#	#
# DAYS > 0.01	#	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.1	#	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 1.5	#	#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)														
RH (03 LST)	1	82	81	81	83	87	85	86	87	87	84	83	82	84
RH (15 LST)	1	82	80	81	80	78	72	73	74	72	78	83	82	78
VAPOR PRESS	1	.04	.04	.04	.06	.13	.21	.31	.29	.20	.10	.06	.04	.13
DEWPOINT	1	-7	-11	-9	3	22	35	45	43	33	16	1	-7	14
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	NW	NW	NW	NW	NW	SSE	SE	SE	SE	NW	NW	NW	NW
MEAN SPEED														
(PVLG DRCTN)	1	12	12	12	10	10	11	15	15	15	13	13	12	13
MEAN SPEED														
(ALL OBS)	1	14	15	13	12	10	11	12	11	11	13	15	15	13
MAX (PK GST)	1	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1250	1250	1350	1450	1000	950	900	850	1000	1000	1200	1650	1650
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	4	3	4	5	5	6	6	6	5	5	5	5
DAYS TSTMS	1	0	0	0	0	#	#	#	#	0	0	0	0	#
DAYS FOG < 7	1	2	2	1	2	5	7	4	2	2	2	3	2	34
DAYS BNBD < 7	1	0	0	0	#	#	#	#	#	0	0	0	0	1
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN														



REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM > PVLC DRCN
- BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
2. WORLD SURVEY OF CLIMATOLOGY, POR 36 YRS
3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	18	17	20	38	40	38	40	33	28	25	29	29
03-05 LST	23	18	15	22	39	42	44	43	36	30	24	30	30
06-08 LST	26	24	20	24	37	41	45	45	46	33	24	29	33
09-11 LST	31	27	20	23	36	39	46	46	44	32	33	34	34
12-14 LST	33	26	19	20	32	38	40	43	41	35	33	34	33
15-17 LST	32	24	19	19	31	37	39	41	45	36	32	33	32
18-20 LST	29	22	19	19	34	37	37	42	42	36	29	30	31
21-23 LST	23	21	17	21	32	38	36	44	39	31	26	28	30
ALL HOURS	28	23	18	21	35	39	41	43	41	33	28	31	32

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	13	12	11	20	23	24	21	18	12	19	20	18
03-05 LST	16	13	11	14	23	25	29	22	20	11	17	21	19
06-08 LST	20	17	13	16	23	26	27	29	25	12	15	19	20
09-11 LST	22	21	14	16	20	23	27	31	26	15	22	22	21
12-14 LST	27	20	14	13	16	18	23	26	26	17	24	25	21
15-17 LST	25	16	15	14	17	17	24	22	21	16	22	25	19
18-20 LST	22	15	12	13	16	18	19	20	19	17	22	21	18
21-23 LST	20	14	12	14	16	20	19	25	18	14	19	22	18
ALL HOURS	21	16	13	14	19	21	24	25	22	14	20	22	19

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	9	5	6	11	13	7	4	4	4	12	14	8
03-05 LST	10	8	5	6	15	14	11	6	4	4	11	14	9
06-08 LST	10	10	6	9	15	15	11	10	9	3	8	11	10
09-11 LST	15	14	9	11	12	10	9	8	11	7	11	12	11
12-14 LST	19	15	10	8	7	7	6	6	8	9	14	18	11
15-17 LST	18	11	9	9	8	5	7	5	6	8	15	16	10
18-20 LST	14	11	10	8	8	8	4	3	7	6	11	13	9
21-23 LST	11	8	6	8	9	9	5	4	5	4	10	14	8
ALL HOURS	13	11	8	8	10	10	7	6	7	6	11	14	9

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	6	2	3	6	9	2	1	2	2	4	8	4
03-05 LST	5	5	1	4	8	10	5	2	2	2	4	7	5
06-08 LST	5	5	3	5	7	9	3	3	4	2	3	6	5
09-11 LST	6	6	3	4	3	5	1	1	3	1	5	8	4
12-14 LST	7	6	3	3	2	1	#	#	2	3	5	9	3
15-17 LST	8	4	3	4	2	2	1	#	1	2	6	9	4
18-20 LST	7	6	5	4	3	4	1	#	1	3	6	8	4
21-23 LST	5	6	3	4	5	6	1	1	1	1	4	8	4
ALL HOURS	6	6	3	4	4	6	2	1	2	2	4	8	4

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: ANADYR, USSR
LOCATION: 64°47'N, 177°35'E
PREPARED BY: USAFETAC/ECR, JUL 1988

STATION #: 255630
ELEVATION (FEET): 203
PERIOD: 7301-8612

ICAO ID: N/A
LST - GMT +13

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	4	12	16	15	14	2	1	0	5
03-05 LST	0	1	0	0	1	13	14	18	14	2	1	0	5
06-08 LST	0	1	0	0	1	13	12	16	14	2	1	0	5
09-11 LST	0	0	0	0	2	10	14	17	15	1	1	0	5
12-14 LST	0	0	0	0	3	10	14	15	14	4	1	0	5
15-17 LST	0	1	0	0	2	9	12	15	13	3	2	0	5
18-20 LST	1	0	0	0	2	12	11	16	12	2	2	0	5
21-23 LST	0	0	0	0	2	10	12	16	15	2	2	0	5
ALL HOURS	0	0	0	0	2	11	13	16	14	2	1	0	5

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	20	17	21	14	1	0	0	3	15	22	22	13
03-05 LST	27	23	18	22	17	3	0	0	4	15	22	25	15
06-08 LST	28	23	17	23	19	2	0	0	3	14	21	25	15
09-11 LST	21	17	17	21	19	4	0	0	3	16	18	21	13
12-14 LST	25	16	15	18	15	2	0	0	3	16	20	21	13
15-17 LST	22	15	13	16	16	2	0	0	3	15	20	20	12
18-20 LST	23	16	15	16	15	1	0	0	2	14	23	23	12
21-23 LST	24	19	16	17	13	0	0	0	4	15	21	24	13
ALL HOURS	24	19	16	19	16	2	0	0	3	15	21	23	13

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	11	12	9	4	2	4	4	4	6	18	15	9
03-05 LST	12	12	9	9	4	2	3	4	4	5	19	15	8
06-08 LST	12	12	9	9	4	3	5	4	4	5	17	14	8
09-11 LST	12	13	8	8	6	3	5	4	6	7	17	14	8
12-14 LST	11	11	9	11	6	4	7	6	8	8	16	17	10
15-17 LST	12	11	9	10	5	3	8	7	5	6	18	15	9
18-20 LST	12	13	12	9	5	4	7	8	4	6	17	16	9
21-23 LST	12	11	10	9	3	3	6	5	5	6	17	14	8
ALL HOURS	12	12	10	9	5	3	6	5	5	6	17	15	9

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	9	5	6	10	13	7	4	4	3	12	14	8
03-05 LST	10	8	5	6	15	14	10	5	4	3	11	14	9
06-08 LST	10	10	6	9	15	14	10	10	9	3	8	11	10
09-11 LST	15	14	9	11	12	10	7	8	11	6	11	12	10
12-14 LST	19	15	10	8	7	6	5	6	8	9	13	17	10
15-17 LST	18	11	9	9	8	5	7	5	6	8	15	16	10
18-20 LST	14	11	10	8	8	8	4	3	6	6	11	13	8
21-23 LST	11	8	6	8	9	9	4	4	5	4	10	14	8
ALL HOURS	13	11	8	8	10	10	7	5	7	5	11	14	9

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	5	6	8	11	4	2	2	2	10	12	7
03-05 LST	9	8	4	5	13	12	7	4	3	2	9	12	7
06-08 LST	9	8	5	8	12	12	5	6	7	2	6	9	7
09-11 LST	12	11	7	8	8	7	5	4	6	3	8	11	8
12-14 LST	15	11	9	5	4	5	3	2	4	5	10	15	7
15-17 LST	15	10	8	7	5	3	3	2	4	6	12	13	7
18-20 LST	12	9	9	6	6	5	2	2	3	4	10	11	7
21-23 LST	9	8	5	6	7	8	2	2	4	3	8	12	6
ALL HOURS	11	9	6	6	8	8	4	3	4	3	9	12	7

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	6	4	4	6	9	3	1	2	2	6	10	5
03-05 LST	7	7	3	5	9	11	5	2	2	2	7	10	6
06-08 LST	6	7	3	6	8	11	3	4	5	2	4	8	6
09-11 LST	9	8	5	5	4	5	1	1	3	2	6	10	5
12-14 LST	9	9	7	4	2	2	#	#	2	4	7	13	5
15-17 LST	11	7	6	6	3	2	1	#	2	3	8	10	5
18-20 LST	9	7	7	5	3	4	1	#	1	3	8	10	5
21-23 LST	7	6	4	5	5	6	1	1	2	2	6	10	5
ALL HOURS	8	7	5	5	5	6	2	1	2	2	7	10	5

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	1	2	3	7	2	1	1	1	4	5	3
03-05 LST	2	4	1	3	5	7	3	2	1	1	3	6	3
06-08 LST	2	3	2	2	3	8	2	3	3	1	2	5	3
09-11 LST	3	4	2	2	1	3	1	#	1	1	3	5	2
12-14 LST	4	4	2	1	1	1	#	#	1	1	3	5	2
15-17 LST	7	3	2	2	1	2	#	#	1	1	4	4	2
18-20 LST	3	3	3	3	2	3	#	#	1	1	2	4	2
21-23 LST	2	4	2	2	4	4	1	#	1	#	2	4	2
ALL HOURS	3	4	2	2	2	4	1	1	1	1	3	5	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ANZHERO-SUDZHENSK, USSR
LOCATION: 5605N 8604E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 295400
ELEVATION (FEET): 850
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 7

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	36	46	56	72	90	94	92	88	80	72	48	44	94
MEAN DAILY MAX	7	10	25	41	55	70	73	67	57	38	22	11	40
MEAN	1	2	18	34	47	61	64	59	49	33	17	5	33
MEAN DAILY MIN	-6	-7	8	25	38	50	53	48	40	26	10	-1	24
EXTREME MIN	-50	-50	-30	-16	21	32	37	32	22	-17	-34	-50	-50
# DAYS GE 90	0	0	0	0	1	1	1	0	0	0	0	0	3
# DAYS LE 32	31	28	30	22	9	#	0	#	5	22	29	31	207
# DAYS LE 0	19	19	9	1	0	0	0	0	0	1	7	16	72
2. PRECIPITATION (INCHES)													
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MINIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	13	10	10	7	7	5	6	6	6	11	14	13	108
# DAYS GE 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	13	9	9	4	1	0	0	0	0	6	12	13	67
# DAYS GE 1.5	#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (7 LST)	82	81	84	83	81	87	91	95	92	87	85	81	86
RH (16 LST)	77	69	64	54	48	49	57	58	56	68	78	77	63
VAPOR PRESS	.05	.05	.09	.14	.21	.38	.46	.39	.27	.16	.09	.06	.19
DEWPOINT	-2	-3	11	23	34	49	55	51	40	26	13	0	25
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	SSW	\$SSW	SSW	SSW	\$SSW	\$SSW	\$SSW	\$SSW	\$SSW	SSW	SSW	SSW	\$SSW
MEAN SPEED													
(PVLG DRCTN)	11	11	10	9	9	6	5	6	7	9	11	11	9
MEAN SPEED													
(ALL OBS)	7	6	7	7	7	5	3	4	4	7	8	8	6
MAX PEAK GUST	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1500	1300	1350	1550	1700	1650	1650	1500	1550	1450	1450	1400	1700
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	6	5	5	5	6	5	5	5	5	6	6	6	5
DAYS TSMS	#	#	#	#	2	5	8	4	1	#	#	#	20
DAYS FOG LT 7	17	14	12	8	9	16	21	21	15	11	10	14	168
DAYS BNBD LT 7	#	#	#	#	0	0	#	#	0	#	#	#	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	13	12	11	14	12	12	14	19	23	22	22	16
03-05 LST	17	12	11	10	17	30	29	21	18	20	20	20	19
06-08 LST	22	13	16	38	32	41	40	49	49	32	24	23	32
09-11 LST	61	57	47	33	35	19	30	32	50	52	63	60	45
12-14 LST	52	44	32	17	20	16	20	21	26	41	46	51	32
15-17 LST	41	29	21	18	20	11	14	18	17	36	38	49	26
18-20 LST	25	22	19	16	17	10	13	12	16	34	22	29	20
21-23 LST	23	15	9	11	21	14	13	15	14	24	22	26	17
ALL HOURS	32	26	21	19	22	19	21	23	26	33	32	35	26

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	12	7	6	7	6	8	8	11	13	14	17	10
03-05 LST	16	11	8	6	9	25	26	18	11	11	14	16	14
06-08 LST	20	13	12	32	24	34	36	45	42	21	18	19	26
09-11 LST	57	55	46	29	21	11	23	26	38	44	56	53	38
12-14 LST	51	44	30	13	11	6	13	11	14	30	41	49	26
15-17 LST	39	28	19	14	13	5	7	9	7	27	34	45	20
18-20 LST	23	21	17	12	10	6	6	8	8	24	18	26	15
21-23 LST	20	13	5	6	15	9	9	10	8	15	17	20	12
ALL HOURS	30	24	18	15	14	13	16	17	17	23	27	31	20

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	5	3	3	2	1	3	2	3	3	5	8	4
03-05 LST	7	5	3	2	4	8	12	7	5	4	5	6	6
06-08 LST	6	6	4	6	5	8	18	24	17	6	5	7	9
09-11 LST	31	32	20	10	5	1	4	8	14	15	21	29	16
12-14 LST	24	21	5	3	2	1	2	3	2	7	16	23	9
15-17 LST	11	9	6	4	1	1	1	2	#	7	11	17	6
18-20 LST	11	6	4	4	2	#	1	1	1	8	6	13	5
21-23 LST	6	5	2	1	3	1	1	1	3	4	5	10	3
ALL HOURS	13	11	6	4	3	2	5	6	6	7	9	14	7

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	#	1	1	1	#	1	0	1	1	1
03-05 LST	1	1	#	0	1	4	5	2	2	1	1	1	2
06-08 LST	1	#	#	#	1	2	6	9	6	1	2	0	2
09-11 LST	1	5	2	1	0	0	1	1	1	0	1	2	1
12-14 LST	1	2	#	#	0	#	#	#	0	0	1	2	1
15-17 LST	1	1	#	1	0	1	0	#	0	#	0	1	#
18-20 LST	1	0	#	0	#	0	#	0	0	#	0	0	#
21-23 LST	1	#	#	#	1	#	0	#	1	0	#	2	#
ALL HOURS	1	1	1	#	#	1	2	2	1	#	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ANZHERO-SUDSHENSK, USSR
LOCATION: 5605N 8604E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 295400
ELEVATION (FEET): 850
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 7

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	1	3	2	#	0	0	#	1
03-05 LST	0	0	0	0	#	1	#	#	0	0	0	0	#
06-08 LST	0	#	0	0	0	#	1	#	0	#	#	0	#
09-11 LST	#	0	1	0	0	2	0	0	0	0	0	0	#
12-14 LST	0	0	#	#	0	2	3	1	#	0	0	0	1
15-17 LST	0	0	0	0	1	4	4	2	#	0	#	0	1
18-20 LST	0	0	0	0	1	2	7	3	#	0	0	1	1
21-23 LST	0	1	0	0	1	3	6	4	1	0	0	0	1
ALL HOURS	#	#	#	#	1	2	3	2	#	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	#	4	8	6	4	7	7	5	2	#	4
03-05 LST	1	1	1	3	8	5	3	5	8	5	2	1	3
06-08 LST	0	#	1	7	7	7	7	5	9	7	3	0	5
09-11 LST	1	0	2	4	10	4	11	7	8	7	2	0	5
12-14 LST	#	0	1	4	7	6	7	5	8	8	2	#	4
15-17 LST	1	0	1	5	8	7	7	7	11	6	1	0	4
18-20 LST	0	0	1	4	11	6	6	7	7	7	2	#	4
21-23 LST	#	#	0	5	12	8	5	8	8	8	2	1	5
ALL HOURS	1	#	1	5	9	6	6	6	8	7	2	#	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	33	28	22	10	2	0	0	0	#	18	34	32	15
03-05 LST	32	25	28	10	1	0	0	0	0	17	32	34	15
06-08 LST	35	29	26	10	2	0	#	0	1	17	33	33	15
09-11 LST	33	31	27	10	4	0	0	0	2	19	42	32	17
12-14 LST	34	24	23	9	2	0	0	0	1	17	33	32	14
15-17 LST	29	22	22	9	3	#	0	0	0	16	34	28	14
18-20 LST	27	23	18	10	2	#	0	0	1	16	29	28	13
21-23 LST	33	23	19	8	1	#	0	0	1	17	29	31	14
ALL HOURS	32	26	23	9	2	#	#	0	1	17	33	31	15

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	3	2	1	0	#	#	1	2	3	5	2
03-05 LST	3	1	3	2	1	1	0	1	1	2	3	4	2
06-08 LST	3	2	1	#	1	0	#	0	#	3	4	6	2
09-11 LST	2	2	1	3	4	0	0	0	0	3	3	5	2
12-14 LST	3	3	2	4	4	#	#	#	1	4	4	3	2
15-17 LST	2	5	2	4	4	2	0	#	2	3	4	4	3
18-20 LST	3	3	3	2	3	1	0	1	2	3	4	3	2
21-23 LST	1	2	2	2	1	0	1	#	0	2	2	4	1
ALL HOURS	2	2	2	2	2	#	#	#	1	3	3	4	2

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	5	3	2	2	1	3	2	3	2	4	8	3
03-05 LST	6	5	3	1	4	7	12	7	5	3	5	6	5
06-08 LST	6	5	4	4	4	7	17	24	16	4	5	6	9
09-11 LST	31	32	20	6	4	1	4	5	11	12	18	28	14
12-14 LST	24	21	5	3	1	1	2	2	2	6	14	23	8
15-17 LST	11	9	6	3	1	1	1	1	0	6	9	16	5
18-20 LST	11	6	4	3	2	0	1	1	1	5	6	13	4
21-23 LST	6	4	2	1	3	1	#	1	3	2	4	10	3
ALL HOURS	12	11	6	3	2	2	5	5	5	5	8	14	7

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	2	1	1	1	3	1	3	1	3	5	2
03-05 LST	4	3	2	1	3	7	10	7	5	1	2	4	4
06-08 LST	4	4	2	2	4	6	15	22	14	2	2	4	7
09-11 LST	21	20	12	4	1	1	2	1	7	3	13	24	9
12-14 LST	19	15	4	2	0	#	1	1	1	3	9	17	6
15-17 LST	8	7	5	3	#	1	1	1	0	5	6	11	4
18-20 LST	7	4	3	3	1	0	1	1	#	3	4	8	3
21-23 LST	4	3	1	1	1	#	#	1	2	1	3	7	2
ALL HOURS	9	7	4	2	1	2	4	4	4	2	5	10	5

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	1	1	1	1	3	1	2	0	2	2	1
03-05 LST	2	3	1	#	2	7	10	6	4	1	1	2	3
06-08 LST	1	3	1	1	2	5	11	19	12	2	2	3	5
09-11 LST	13	9	6	4	0	1	1	1	5	1	6	13	5
12-14 LST	8	8	2	2	0	#	1	#	#	1	4	11	3
15-17 LST	4	3	1	2	0	1	#	#	0	2	3	5	2
18-20 LST	3	1	1	1	#	0	#	1	0	1	2	2	1
21-23 LST	1	1	#	#	1	#	#	1	1	0	2	3	1
ALL HOURS	4	4	2	1	1	2	3	4	3	1	3	5	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	#	0	1	0	1	0	0	0	#	0	#
03-05 LST	0	#	#	0	1	#	1	#	0	#	#	#	#
06-08 LST	0	0	#	#	0	1	2	1	2	0	#	0	1
09-11 LST	1	1	0	0	0	0	0	1	0	0	#	0	#
12-14 LST	0	1	#	0	0	#	0	#	0	0	#	0	#
15-17 LST	#	#	0	1	0	1	0	#	0	0	0	0	#
18-20 LST	#	0	#	0	#	0	#	0	0	#	0	0	#
21-23 LST	1	0	0	0	1	#	0	#	1	0	0	1	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ARCHANGELSK, RUSSIA
 LOCATION: 6435N 4031E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 225500
 ELEVATION (FEET): 43
 PERIOD: 5812-8709

ICAO: ULAA
 LST = GMT + 4

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	39	37	46	72	83	88	91	88	79	63	48	39	91
MEAN DAILY MAX	1	11	14	26	37	51	61	67	62	51	37	27	18	39
MEAN	1	6	9	20	31	44	54	60	55	46	34	24	14	33
MEAN DAILY MIN	1	0	2	12	23	35	45	51	48	40	30	20	8	26
EXTREME MIN	1	-41	-39	-30	-5	14	27	32	28	19	-1	-32	-44	-44
# DAYS GE 90	1	0	0	0	0	0	0	#	0	0	0	0	0	0
# DAYS LE 32	1	31	28	30	24	13	2	#	1	4	19	27	29	207
# DAYS LE 0	1	15	12	7	#	0	0	0	0	0	#	3	9	46
2. PRECIPITATION (INCHES)														
MAXIMUM	2	2.2	1.8	1.8	1.9	3.5	4.7	4.9	5.1	4.2	4.0	3.0	2.1	29.8
MEAN	2	0.9	0.8	0.9	0.8	1.4	2.0	2.3	2.5	2.2	1.8	1.3	1.1	18.0
MINIMUM	2	0.2	0.0	0.3	0.1	0.2	0.2	0.1	0.2	0.5	0.4	0.1	0.2	9.5
MAX 24 HR	2	0.4	0.3	0.5	0.4	1.7	1.1	1.4	2.5	1.2	0.9	0.7	0.4	2.5
# DAYS GE 0.004	1	27	24	23	17	15	16	14	16	19	23	25	28	247
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	24	21	19	11	4	1	0	0	1	11	20	26	138
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (04 LST)	1	83	84	86	82	79	80	86	90	91	90	88	85	85
RH (16 LST)	1	83	80	72	61	53	54	59	66	72	82	87	86	71
VAPOR PRESS	1	.06	.07	.10	.13	.20	.30	.39	.36	.27	.18	.13	.09	.19
DEWPOINT	1	2	5	15	23	32	43	51	49	41	31	21	10	27
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	SE	SE	SE	NW	NNW	NNW	NNW	SE	SE	SSE	SSE	SE	SE
MEAN SPEED														
(PVLG DRCTN)	1	8	8	7	8	8	8	7	7	7	9	8	8	8
MEAN SPEED														
(ALL OBS)	1	8	7	7	7	7	7	6	6	7	8	8	8	7
MAX PEAK GUST		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	1410	1100	1270	1250	780	730	710	870	1050	1230	1220	1620	1620
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	6	6	6	6	6	6	6	7	7	7	6
DAYS TSTMS	1	#	#	#	0	1	4	5	2	1	#	0	#	13
DAYS FOG LT 7	1	12	11	15	11	8	6	8	10	11	11	10	9	122
DAYS BNBD LT 7	1	#	#	#	#	0	#	#	0	#	0	0	0	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(ARCHANGELSK, RUSSIA)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
C - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE DEC 58-SEP 87 THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 60, 25-45 YEAR PERIOD OF RECORD

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	59	51	49	35	31	29	29	39	44	57	74	63	47
03-05 LST	57	52	49	38	32	27	30	45	50	62	71	65	48
06-08 LST	62	58	52	40	35	29	31	42	55	66	76	67	51
09-11 LST	60	54	47	39	35	33	34	47	54	62	72	66	50
12-14 LST	54	44	43	37	35	36	33	44	54	63	69	63	48
15-17 LST	52	42	41	33	29	34	34	37	46	58	67	61	45
18-20 LST	54	45	41	31	27	26	26	35	42	62	71	63	44
21-23 LST	55	48	44	32	29	27	26	35	42	59	74	61	44
ALL HOURS	57	49	46	36	31	30	30	41	48	61	72	64	47

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	42	37	32	22	16	16	17	22	27	34	50	43	30
03-05 LST	41	38	33	26	17	12	18	26	33	39	50	45	31
06-08 LST	46	45	37	26	17	14	18	27	36	44	53	47	34
09-11 LST	46	43	35	24	14	12	15	23	31	45	52	47	32
12-14 LST	42	34	25	17	13	11	13	16	25	37	47	47	27
15-17 LST	38	29	23	16	11	11	13	12	20	34	43	44	24
18-20 LST	39	33	25	17	12	9	12	16	20	32	46	44	25
21-23 LST	38	34	26	18	14	11	13	17	21	32	49	42	26
ALL HOURS	41	37	29	21	14	12	15	20	27	37	49	45	29

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	14	14	10	5	4	5	9	11	17	24	19	13
03-05 LST	19	15	16	14	7	5	7	11	16	19	24	21	14
06-08 LST	22	20	17	13	7	5	7	11	19	23	27	22	16
09-11 LST	24	20	13	10	5	3	5	9	13	23	28	21	14
12-14 LST	20	14	8	6	4	3	4	4	8	17	23	21	11
15-17 LST	16	12	9	6	3	2	3	2	6	16	20	20	10
18-20 LST	15	12	8	5	5	1	3	3	6	14	20	18	9
21-23 LST	15	14	12	7	5	2	3	6	9	14	23	18	11
ALL HOURS	19	15	12	9	5	3	5	7	11	18	24	20	12

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	4	2	1	1	1	3	3	2	2	2	2
03-05 LST	1	2	5	4	#	1	2	5	4	2	2	2	3
06-08 LST	3	2	4	4	1	1	1	3	6	4	3	2	3
09-11 LST	3	2	1	1	1	#	#	1	2	4	3	3	2
12-14 LST	3	1	#	1	#	#	#	#	1	2	1	3	1
15-17 LST	2	1	1	1	#	0	0	#	#	1	1	2	1
18-20 LST	2	1	1	0	1	#	#	0	1	2	1	2	1
21-23 LST	2	2	4	1	1	#	#	1	2	1	1	2	1
ALL HOURS	2	2	3	2	1	#	1	2	2	2	2	2	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ARCHANGELSK, RUSSIA
 LOCATION: 6435N 4031E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 225500
 ELEVATION (FEET): 43
 PERIOD: 5812-8709

ICAO:
 LST = GMT + 4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	#	#	1	0	0	0	0	#
03-05 LST	0	0	0	0	0	#	1	0	0	0	0	#	#
06-08 LST	0	#	0	0	#	#	1	0	0	0	0	#	#
09-11 LST	0	0	0	0	#	1	1	#	0	0	0	#	#
12-14 LST	0	0	#	0	#	2	2	1	#	#	0	#	#
15-17 LST	0	0	#	0	1	2	3	2	#	0	0	0	1
18-20 LST	#	0	#	0	#	1	3	1	#	0	0	0	#
21-23 LST	#	0	0	0	#	1	2	#	#	0	0	#	#
ALL HOURS	#	#	#	0	#	1	1	1	#	#	0	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	6	8	10	8	12	18	16	6	2	8
03-05 LST	1	1	3	5	10	11	10	13	18	16	6	1	8
06-08 LST	1	1	2	4	10	11	11	13	19	16	8	2	8
09-11 LST	1	1	2	5	9	12	10	15	16	17	7	2	8
12-14 LST	1	1	2	7	10	14	11	14	17	17	8	2	9
15-17 LST	1	1	2	8	9	12	12	12	17	15	8	1	8
18-20 LST	2	2	3	8	8	12	10	13	20	16	8	1	9
21-23 LST	1	1	3	6	9	12	10	13	18	14	6	1	8
ALL HOURS	1	1	2	6	9	12	10	13	18	16	7	2	8

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	47	45	31	12	4	#	0	0	1	14	33	47	20
03-05 LST	44	45	30	15	4	1	0	0	1	15	30	48	19
06-08 LST	42	42	33	18	7	1	0	#	1	15	30	42	19
09-11 LST	42	46	29	17	5	1	0	0	1	16	28	44	19
12-14 LST	43	42	26	11	4	1	0	0	1	11	34	45	18
15-17 LST	41	37	23	10	4	1	0	0	1	11	31	44	17
18-20 LST	43	40	27	7	4	1	0	0	1	12	32	46	18
21-23 LST	48	45	26	12	3	1	0	0	1	16	33	47	19
ALL HOURS	44	43	28	13	5	1	0	#	1	14	31	45	19

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	0	0	#	0	0	#	1	0	#	#
03-05 LST	#	#	#	#	0	#	0	0	#	#	0	#	#
06-08 LST	#	1	#	#	0	#	0	0	#	#	#	#	#
09-11 LST	#	#	#	#	#	0	1	0	0	#	#	#	#
12-14 LST	#	#	#	#	#	0	0	0	#	1	#	#	#
15-17 LST	#	#	#	#	#	0	#	0	#	1	#	#	#
18-20 LST	#	#	#	0	0	0	0	0	#	1	#	#	#
21-23 LST	#	#	#	#	0	0	#	0	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	0	#	#	#	#	#

(ARCHANGELSK, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE DEC 58-SEP 87 THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	11	12	9	4	4	4	7	9	13	19	15	10
03-05 LST	14	12	13	12	6	4	6	11	13	14	18	16	12
06-08 LST	18	17	15	11	5	3	5	8	15	19	20	17	13
09-11 LST	20	17	11	9	4	2	4	6	10	18	21	17	11
12-14 LST	18	12	7	5	3	2	2	3	6	13	18	18	9
15-17 LST	13	11	7	5	2	1	1	2	4	12	14	15	7
18-20 LST	11	10	8	4	3	1	3	2	5	10	15	13	7
21-23 LST	12	11	9	5	4	1	2	5	6	10	17	14	8
ALL HOURS	15	13	10	8	4	2	4	5	9	14	18	16	10

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	7	8	5	2	2	3	5	6	6	8	8	6
03-05 LST	7	6	9	7	4	2	4	7	8	6	9	8	6
06-08 LST	11	11	12	9	3	2	3	6	9	11	10	8	8
09-11 LST	13	11	7	5	2	1	1	2	7	11	11	10	7
12-14 LST	12	8	3	3	1	1	1	2	3	7	9	12	5
15-17 LST	8	8	5	3	2	#	1	1	2	6	6	8	4
18-20 LST	6	6	4	2	2	1	1	1	2	5	6	7	4
21-23 LST	6	6	6	3	2	1	2	2	3	5	7	7	4
ALL HOURS	9	8	7	5	2	1	2	3	5	7	8	8	5

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	6	3	1	1	2	3	3	3	3	3	3
03-05 LST	3	4	6	5	1	1	2	6	5	4	4	4	4
06-08 LST	5	5	8	6	2	1	1	4	6	6	5	4	4
09-11 LST	7	6	4	3	1	#	#	1	4	7	5	5	4
12-14 LST	6	4	1	2	1	#	#	0	1	3	4	6	2
15-17 LST	4	3	2	2	1	#	0	#	1	3	3	4	2
18-20 LST	2	3	2	1	1	#	#	#	1	3	3	4	2
21-23 LST	3	3	5	2	1	#	1	1	2	2	2	4	2
ALL HOURS	4	4	4	3	1	1	1	2	3	4	4	4	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	3	2	1	1	#	1	2	1	1	1	1
03-05 LST	1	1	3	3	#	1	1	3	3	2	1	1	2
06-08 LST	1	1	2	3	1	#	#	2	4	3	1	1	2
09-11 LST	2	1	1	1	#	#	#	#	2	2	1	1	1
12-14 LST	1	1	0	#	#	0	0	#	#	1	1	1	#
15-17 LST	1	#	#	#	#	0	0	0	#	#	1	1	#
18-20 LST	1	1	1	#	1	0	#	0	#	1	1	1	1
21-23 LST	1	1	2	#	0	0	0	1	1	1	#	1	1
ALL HOURS	1	1	2	1	#	#	#	1	2	1	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ARTEM, USSR
 LOCATION: 43°22'N, 132°11'E
 PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 319740
 ELEVATION (FEET): 151
 PERIOD: 7301-8612

ICAO ID: N/A
 LST - GMT +10

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1#	12	19	33	48	59	63	71	73	65	51	33	18	45
MEAN 1#	7	14	28	42	53	59	68	69	59	44	28	13	40
MEAN DLY MIN 1#	0	7	21	35	46	55	63	64	51	37	21	6	34
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90 1#	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1#	30	27	27	9	0	0	0	0	1	11	26	31	162
# DAYS < 0 1#	16	7	0	0	0	0	0	0	0	0	1	10	34
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/ PRECIP 1#	6	7	8	10	10	14	12	11	10	8	7	6	109
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/ SNOWFALL 1#	5	6	6	2	0	0	0	0	0	1	4	5	29
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (07 LST) 1	71	71	79	82	89	93	94	93	92	81	74	73	83
RH (13 LST) 1	56	51	48	50	54	72	75	69	61	51	51	56	58
VAPOR PRESS 1#	.04	.06	.10	.17	.28	.43	.58	.59	.40	.21	.10	.06	.25
DEWPOINT 1#	-3	2	15	29	41	53	62	62	51	33	15	2	30
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1#	\$N	\$N	\$N	\$S	\$SW	\$S	\$S	\$S	\$N	\$N	\$N	\$N	\$N
MEAN SPEED (PVLG DRCTN) 1#	10	10	10	10	9	8	8	9	9	9	9	10	9
MEAN SPEED (ALL OBS) 1#	6	7	6	7	6	5	5	5	5	6	5	5	6
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	*	*	*	*	*	*	*	*	*	*	*	*	*
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1#	2	3	4	5	5	6	6	6	4	4	3	2	4
DAYS TSMS	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS FOG < 7	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS BNBD < 7	*	*	*	*	*	*	*	*	*	*	*	*	*
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, SIX HOURLY, JAN 73 - DEC 86
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	20	21	30	27	68	64	44	29	26	22	22	33
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	18	22	29	35	44	79	76	59	44	32	22	22	40
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	19	15	18	22	19	56	50	37	24	19	14	18	26
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	18	11	14	17	16	47	38	27	18	19	20	22	22
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	17	15	22	21	56	53	31	18	15	16	18	25
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	16	17	22	27	37	70	63	42	32	18	16	18	31
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	17	10	8	12	11	41	32	18	8	8	8	17	16
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	16	9	7	12	8	28	26	13	7	9	16	19	14
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 100 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	5	6	13	15	42	37	13	8	4	6	5	13
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	5	12	20	26	61	55	30	18	7	5	3	21
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	10	4	6	8	4	24	17	8	3	4	5	8	9
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	7	5	3	6	4	18	14	8	3	3	5	5	7
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	4	3	4	4	2	1	3	2	1	2
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	1	3	10	13	13	13	9	8	2	2	1	6
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	1	#	#	0	#	1	#	#	#	1	#	2	#
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	1	1	0	1	0	0	1	#	0	1	1	1	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: ARTEM, USSR
LOCATION: 43°22'N, 132°11'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 319740
ELEVATION (FEET): 151
PERIOD: 7301-8612

ICAO ID: N/A
LST - GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	1	1	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	1	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	1	1	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	1	1	1	2	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	7	8	14	11	8	10	7	1	1	6
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	1	9	10	24	17	9	11	6	2	0	7
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	2	8	8	16	11	8	10	8	1	0	6
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	1	8	8	14	10	8	10	6	2	2	6
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	6	8	2	1	0	1	0	0	2	5	5	3
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	5	7	8	2	0	0	0	0	0	1	5	5	3
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	6	5	5	3	0	0	0	0	0	1	5	3	2
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	5	7	7	1	0	0	0	0	0	1	3	3	2
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	1	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	1	0	0	0	1	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	1	0	0	0	0	0	0	0	0	0	0	1	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	1	0	0	0	0	0	0	1	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	1

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, SIX HOURLY, JAN 73 - DEC 86
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	5	11	12	34	27	9	7	4	6	5	11
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	4	10	19	26	53	47	24	16	7	4	3	18
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	10	4	5	5	3	15	9	5	2	4	5	8	6
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	7	5	3	5	2	11	9	5	2	3	5	5	5
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	4	8	9	18	16	5	6	4	5	5	8
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	4	4	9	16	19	33	33	17	14	7	4	3	14
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	6	4	4	3	1	6	3	2	1	3	3	5	3
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	7	5	1	3	1	4	4	1	1	3	5	5	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	3	6	6	7	8	4	2	4	3	2	4
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	1	5	12	15	20	23	12	11	4	2	2	9
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	3	2	2	1	#	2	1	1	#	1	2	2	1
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	2	3	1	2	0	#	2	1	#	1	2	2	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	2	1	2	1	1	0	1	1	#	1
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	#	1	6	3	6	5	5	3	1	#	#	3
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	#	#	0	0	#	1	#	#	0	0	#	1	#
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	1	#	0	1	0	0	1	#	0	#	1	1	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ARZAMAS, USSR
LOCATION: 5523N 4344E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 276530
ELEVATION (FEET): 525
PERIOD: 7301-8612

ICAO: M/A
LST = GMT + 3

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	32	34	42	72	76	84	84	80	76	68	42	36	84
MEAN DAILY MAX	13	19	29	50	61	70	71	65	60	43	30	25	45
MEAN	8	14	25	44	55	62	64	59	52	37	27	20	39
MEAN DAILY MIN	3	8	20	35	47	52	56	52	42	31	23	16	32
EXTREME MIN	-26	-32	-3	28	32	40	44	40	28	17	2	-12	-32
# DAYS GE 90	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 32	31	23	21	7	1	0	0	1	3	17	16	24	144
# DAYS LE 0	13	7	2	0	0	0	0	0	0	0	0	4	26
2. PRECIPITATION (INCHES)													
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 0.004	13	11	8	6	8	5	8	7	4	9	12	13	104
# DAYS GE 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS SNOWFALL	12	10	7	2	1	0	0	0	0	2	8	12	54
# DAYS GE 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (6 LST)	82	85	88	84	79	80	85	89	87	82	91	86	85
RH (15 LST)	80	81	75	53	48	47	51	55	50	59	84	84	64
VAPOR PRESS	.06	.09	.12	.20	.27	.35	.41	.38	.27	.17	.14	.10	.21
DEWPOINT	4	10	20	33	41	48	52	50	41	28	25	17	31
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	SW	SW	SW	S	SW	W	W	W	W	SW	SW	SE	SW
MEAN SPEED													
(PVLG DRCTN)	13	12	10	14	9	7	8	9	10	11	12	10	10
MEAN SPEED													
(ALL OBS)	10	10	9	9	8	7	7	8	8	9	10	13	9
MAX PEAK GUST	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1450	1650	1000	1000	1150	1050	1100	850	1000	1200	1250	1350	1650
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	5	6	5	5	5	4	5	5	4	5	7	7	5
DAYS TSMS	0	0	0	1	3	5	5	4	0	0	0	0	18
DAYS FOG LT 7	12	11	10	6	3	4	4	9	6	10	9	8	92
DAYS BNBD LT 7	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73- DEC 86, THREE HOURLY
 2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	48	55	48	31	26	13	22	20	22	37	73	74	39
06-08 LST	42	61	57	40	36	13	33	39	35	45	74	73	46
09-11 LST	64	65	59	27	30	14	27	32	25	47	74	72	45
12-14 LST	41	50	47	26	31	25	18	34	20	43	69	64	39
15-17 LST	44	52	41	24	22	19	16	24	16	41	71	69	37
18-20 LST	41	51	39	23	23	16	19	20	14	33	73	65	35
21-23 LST	38	58	41	32	27	8	18	17	16	34	70	74	36
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	36	40	25	25	12	5	12	12	10	25	51	52	25
06-08 LST	36	45	41	35	20	8	25	34	27	33	50	59	34
09-11 LST	54	55	49	19	20	7	10	25	20	36	55	62	34
12-14 LST	32	46	40	11	11	2	8	10	9	28	58	57	26
15-17 LST	31	44	31	9	8	3	7	6	6	26	56	48	23
18-20 LST	34	41	24	11	8	2	7	7	6	18	55	46	22
21-23 LST	27	44	23	18	15	1	11	7	8	20	58	53	24
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	17	29	12	12	7	1	9	5	5	16	27	30	14
06-08 LST	22	30	25	20	15	3	10	15	16	19	26	30	19
09-11 LST	32	30	29	14	12	3	5	13	8	23	35	41	20
12-14 LST	17	30	26	7	6	2	4	2	6	16	42	39	16
15-17 LST	16	30	17	7	4	0	2	0	2	15	40	36	14
18-20 LST	18	27	13	6	4	1	4	1	4	9	24	29	12
21-23 LST	13	30	12	7	4	1	5	1	2	12	33	33	13
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	7	5	3	2	1	2	4	3	6	11	10	5
06-08 LST	5	6	13	9	5	1	3	9	9	6	7	7	7
09-11 LST	6	6	6	5	1	1	1	4	3	5	12	11	5
12-14 LST	2	7	7	2	0	0	0	0	0	2	4	5	2
15-17 LST	4	4	5	2	0	0	0	0	0	5	5	9	3
18-20 LST	4	5	3	1	0	1	0	0	0	2	8	9	3
21-23 LST	4	8	3	2	0	0	0	1	1	4	9	7	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ARZAMAS, USSR
LOCATION: 5523N 4344E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 276530
ELEVATION (FEET): 525
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	1	0	1	2	0	0	0	0	0	#
06-08 LST	0	0	0	0	0	0	0	0	1	1	0	0	#
09-11 LST	0	1	0	0	0	0	1	0	0	0	0	0	#
12-14 LST	0	0	0	0	1	2	5	0	0	0	0	0	1
15-17 LST	0	0	0	1	5	5	6	1	1	0	0	0	2
18-20 LST	0	0	0	1	4	3	6	5	1	0	0	0	2
21-23 LST	1	0	0	0	2	1	1	1	0	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	2	5	9	8	2	7	10	6	6	8	1	5
06-08 LST	2	3	3	4	6	3	8	10	5	8	9	5	5
09-11 LST	0	2	2	2	10	3	7	8	3	4	4	1	4
12-14 LST	0	3	1	4	11	7	8	8	2	7	13	3	5
15-17 LST	0	1	2	4	9	8	10	6	3	10	9	2	5
18-20 LST	1	3	2	7	9	7	6	7	4	8	11	3	6
21-23 LST	1	1	4	7	12	3	6	7	2	12	10	2	5
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	31	21	11	3	2	0	0	0	0	9	14	24	10
06-08 LST	24	29	12	4	1	0	0	0	0	3	16	23	9
09-11 LST	27	25	22	7	1	0	0	0	0	5	20	19	11
12-14 LST	22	23	13	5	2	0	0	0	0	8	23	31	11
15-17 LST	21	27	14	6	1	0	0	0	1	7	20	27	10
18-20 LST	23	12	10	4	1	0	1	0	0	3	20	19	8
21-23 LST	25	23	13	2	1	0	0	0	0	6	15	24	9
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	5	3	0	0	0	0	0	3	1	1	4	2
06-08 LST	2	2	1	0	0	0	0	0	0	0	1	3	1
09-11 LST	3	3	2	0	2	0	0	0	0	1	0	4	1
12-14 LST	1	4	4	5	1	0	0	0	1	4	1	6	2
15-17 LST	2	4	4	2	3	0	1	1	2	2	1	4	2
18-20 LST	2	4	3	4	0	0	1	1	0	0	0	5	2
21-23 LST	2	5	3	1	0	0		0	0	1	0	6	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE 0 = 0.0 LT 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	15	25	11	8	6	1	7	4	5	15	25	26	12
06-08 LST	20	26	23	17	11	2	9	15	14	17	26	26	17
09-11 LST	28	28	26	14	12	1	5	8	5	16	28	30	17
12-14 LST	13	23	24	7	4	1	3	1	4	14	29	31	13
15-17 LST	14	25	13	4	2	0	1	0	2	11	29	23	10
18-20 LST	16	21	11	4	1	1	4	1	3	5	18	22	9
21-23 LST	12	28	9	6	4	1	3	1	2	10	30	26	11
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

6. % FF OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	11	17	8	5	2	1	5	4	3	9	16	17	8
06-08 LST	12	15	20	15	7	2	8	10	10	12	13	12	11
09-11 LST	14	23	20	11	4	1	3	5	4	14	19	23	12
12-14 LST	7	16	12	3	1	1	2	0	3	8	21	18	8
15-17 LST	9	17	9	2	0	0	1	0	0	10	15	19	7
18-20 LST	11	15	8	2	1	1	2	0	1	4	12	17	6
21-23 LST	7	18	6	4	1	1	2	1	1	9	19	18	7
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	6	12	6	4	2	1	2	4	3	6	11	10	6
06-08 LST	6	8	14	9	6	1	3	10	9	6	9	10	8
09-11 LST	8	10	14	7	1	1	1	4	4	5	13	12	7
12-14 LST	2	10	8	3	0	0	0	0	0	2	6	9	3
15-17 LST	5	7	7	2	0	0	0	0	0	6	8	14	4
18-20 LST	4	8	3	1	1	1	0	0	0	3	8	12	3
21-23 LST	5	12	3	3	1	0	0	1	1	4	10	9	4
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	3	6	2	1	2	1	1	2	3	6	6	5	3
06-08 LST	3	5	6	3	5	0	2	7	6	5	6	3	4
09-11 LST	4	3	2	2	0	1	0	3	2	4	7	8	3
12-14 LST	1	3	4	1	0	0	0	0	0	2	1	3	1
15-17 LST	3	2	1	1	0	0	0	0	0	0	4	4	1
18-20 LST	2	3	1	0	0	1	0	0	0	1	7	6	2
21-23 LST	2	5	2	2	0	0	0	1	1	2	9	2	2
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION: ASTRAKHAN, RS
 LOCATION: 4621N 4759E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 348800
 ELEVATION (FEET): -61
 PERIOD: 7301-8612

ICAO:
 LST = GMT + 4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	72	70	73	88	98	95	108	111	90	82	66	58 111
MEAN DAILY MAX	1	29	30	42	62	75	82	87	84	73	56	43	33 58
MEAN	1	23	23	34	53	65	73	78	74	63	48	37	29 50
MEAN DAILY MIN	1	17	16	27	43	55	63	67	64	53	39	32	24 42
EXTREME MIN	1	-20	-18	-8	14	36	46	54	34	28	14	1	-10 -20
# DAYS GE 90	1	0	0	0	0	1	5	12	9	1	0	0	0 28
# DAYS LE 32	1	29	26	23	2	0	0	0	0	6	14	26	126
# DAYS LE 0	1	4	3	1	0	0	0	0	0	0	0	0	8
2. PRECIPITATION (INCHES)													
MAXIMUM	2	1.3	1.3	2.0	1.7	2.4	1.9	2.4	2.9	2.0	2.1	2.0	10.3
MEAN	2	0.5	0.5	0.4	0.6	0.8	0.5	0.4	0.6	0.4	0.6	0.6	6.4
MINIMUM	2	#	0.0	0.0	0.0	#	0.0	0.0	0.0	#	0.0	0.0	3.2
MAX 24 HR	2	0.7	0.8	0.7	1.7	0.7	1.9	1.0	1.8	1.2	0.9	0.7	1.9
# DAYS GE 0.004	1	7	6	4	3	3	3	3	2	3	3	5	49
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN		#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	4	4	2	#	0	0	0	0	#	1	1	3 15
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (04 LST)	1	87	86	86	80	77	75	74	73	81	86	87	89 82
RH (16 LST)	1	76	70	55	41	35	35	35	34	39	54	69	79 52
VAPOR PRESS	1	.12	.11	.15	.25	.35	.44	.51	.47	.37	.25	.19	.15 .28
DEWPOINT	1	18	17	26	39	47	54	58	55	49	39	32	25 38
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCIN	1	E	E	E	E	E	W	W	E	E	E	E	E
MEAN SPEED													
(PVLG DRCIN)	1	11	12	12	13	12	10	10	10	10	9	11	11 11
MEAN SPEED													
(ALL OBS)	1	10	10	10	11	10	9	8	8	9	9	9	10 9
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	500	500	750	950	800	1000	1000	800	650	500	500	500 1000
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	4	4	3	3	3	3	4	6	6 4
DAYS TSMS	1	#	#	#	#	2	3	3	2	2	#	#	# 12
DAYS FOG LT 7	1	19	15	17	9	4	3	2	4	9	13	17	18 129
DAYS BNBD LT 7	1	#	#	#	1	#	#	#	#	#	#	0	# 3

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN73-DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, PERIOD OF RECORD 19-29 YRS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	51	44	35	15	6	1	2	4	14	27	49	60	26
03-05 LST	54	49	42	21	8	5	3	7	17	30	55	64	30
06-08 LST	54	54	54	33	14	8	6	10	24	40	57	63	35
09-11 LST	65	57	49	20	7	4	2	4	9	33	63	69	32
12-14 LST	52	48	36	15	4	2	3	4	5	26	49	65	26
15-17 LST	49	38	26	13	3	2	2	2	4	17	42	58	21
18-20 LST	54	43	26	11	3	1	1	1	4	18	51	63	23
21-23 LST	54	43	29	13	3	3	1	1	5	20	49	64	24
ALL HOURS	54	47	37	17	6	3	2	4	10	26	52	63	27

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	44	36	29	10	5	1	1	4	12	20	36	50	21
03-05 LST	45	41	37	17	7	4	3	6	16	26	43	51	25
06-08 LST	49	46	50	30	14	8	5	10	23	34	48	50	31
09-11 LST	58	53	45	14	5	2	1	2	8	26	50	60	27
12-14 LST	48	42	22	8	2	1	2	2	2	13	35	54	19
15-17 LST	41	29	15	9	2	1	1	1	1	9	26	46	15
18-20 LST	47	36	18	8	2	1	#	#	3	12	34	49	18
21-23 LST	47	35	24	10	2	2	1	1	4	14	35	48	19
ALL HOURS	47	40	30	13	5	3	2	3	9	19	38	51	22

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	21	13	3	2	1	1	1	4	10	19	29	11
03-05 LST	26	25	16	6	2	1	1	2	5	11	23	30	12
06-08 LST	31	25	22	8	6	1	1	3	8	14	28	32	15
09-11 LST	33	29	21	6	1	1	#	1	3	12	27	37	14
12-14 LST	27	23	7	2	2	1	1	1	1	5	17	33	10
15-17 LST	22	12	6	2	2	1	1	1	1	3	12	26	7
18-20 LST	23	17	7	2	1	1	#	0	1	4	18	25	8
21-23 LST	25	18	10	2	0	2	1	1	1	4	17	29	9
ALL HOURS	27	21	13	4	2	1	1	1	3	8	20	30	11

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	6	2	1	1	1	1	1	2	6	5	11	4
03-05 LST	6	8	5	2	0	1	#	1	4	6	7	11	4
06-08 LST	8	10	6	3	2	#	1	2	5	8	8	11	5
09-11 LST	6	8	3	1	0	#	#	#	1	3	6	13	3
12-14 LST	4	2	1	1	1	#	1	0	#	1	2	6	2
15-17 LST	2	2	0	0	1	1	1	#	#	#	2	4	1
18-20 LST	4	4	#	0	0	1	0	0	0	1	3	6	2
21-23 LST	6	6	1	#	#	1	#	#	0	1	4	9	2
ALL HOURS	5	6	2	1	1	1	1	1	2	3	5	9	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ASTRAKHAN, RS

LOCATION: 4621N 4759E

PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 348800

ELEVATION (FEET): -61

PERIOD: 7301-8612

ICAO:

LST = GMT + 4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	#	#	1	#	0	0	0	#
03-05 LST	0	0	0	0	#	0	#	#	1	0	0	#	#
06-08 LST	0	0	0	0	#	1	#	0	#	0	0	0	#
09-11 LST	#	0	#	0	0	0	0	#	0	0	0	0	#
12-14 LST	0	0	#	#	1	0	1	#	0	0	0	#	#
15-17 LST	0	0	0	0	1	2	1	#	1	0	#	0	#
18-20 LST	#	0	0	#	0	1	1	0	#	0	0	0	#
21-23 LST	#	#	0	0	0	1	1	#	#	#	0	0	#
ALL HOURS	#	#	#	#	#	1	1	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	2	5	3	3	1	1	3	3	4	5	3
03-05 LST	3	2	4	5	5	2	1	2	2	3	4	3	3
06-08 LST	3	2	3	5	4	4	3	1	1	3	4	3	3
09-11 LST	3	2	2	6	4	3	3	1	3	3	4	5	3
12-14 LST	1	2	2	3	3	2	3	2	2	2	4	3	2
15-17 LST	2	1	2	4	4	3	3	2	3	4	5	2	3
18-20 LST	3	1	3	4	4	2	1	1	3	4	4	2	3
21-23 LST	3	2	3	4	2	3	2	1	3	4	5	3	3
ALL HOURS	3	2	3	4	4	3	2	1	2	3	4	3	3

3. % FREQ SNOW AND/OR ICE PELLETS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	7	3	1	0	0	0	#	#	0	2	6	2
03-05 LST	6	5	3	0	0	0	0	0	0	1	1	6	2
06-08 LST	6	7	4	1	0	0	0	0	0	0	2	7	2
09-11 LST	6	11	5	#	0	0	0	0	0	0	2	7	3
12-14 LST	6	8	4	0	0	0	0	0	0	1	1	5	2
15-17 LST	6	6	3	0	0	0	0	0	0	1	1	3	2
18-20 LST	5	7	2	#	0	0	0	0	0	1	1	4	2
21-23 LST	6	7	2	0	0	0	0	0	0	1	2	4	2
ALL HOURS	6	7	3	#	0	0	0	0	#	1	2	5	2

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS): (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	0	2	0	1	#	1	0	1	0	1	1
03-05 LST	1	2	#	1	#	1	#	0	#	#	#	#	1
06-08 LST	1	2	1	1	1	1	1	#	1	1	0	1	1
09-11 LST	#	1	1	4	2	#	#	1	1	0	1	0	1
12-14 LST	2	2	3	7	4	0	2	1	1	1	2	#	2
15-17 LST	2	3	2	5	2	1	1	0	1	1	#	2	2
18-20 LST	1	1	2	2	1	#	1	0	#	0	0	2	1
21-23 LST	1	1	1	2	#	0	0	#	0	0	0	1	1
ALL HOURS	1	2	1	3	1	#	1	#	#	1	#	1	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	18	11	3	2	1	1	1	4	8	16	26	9
03-05 LST	22	21	13	6	1	1	1	2	5	10	19	28	11
06-08 LST	27	22	19	8	5	1	1	3	8	13	24	29	13
09-11 LST	29	26	18	4	1	#	#	#	2	10	22	32	12
12-14 LST	22	19	6	2	2	1	1	1	1	3	14	26	8
15-17 LST	17	11	4	1	2	1	1	#	1	1	10	21	6
18-20 LST	19	15	5	1	1	1	#	0	1	3	13	20	6
21-23 LST	24	16	9	2	0	1	#	1	1	4	13	24	8
ALL HOURS	23	19	10	3	2	1	1	1	3	7	17	26	9

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	15	7	2	2	1	1	1	3	7	10	18	7
03-05 LST	16	15	9	3	1	1	1	2	5	9	15	21	8
06-08 LST	18	17	15	7	4	1	1	2	8	12	16	22	10
09-11 LST	23	21	14	3	1	#	#	#	1	8	17	26	10
12-14 LST	15	15	5	1	1	1	1	1	1	1	8	21	6
15-17 LST	10	7	3	1	1	1	1	#	1	1	6	14	4
18-20 LST	13	10	4	1	1	1	#	0	1	2	8	15	4
21-23 LST	18	11	4	1	#	1	#	#	1	3	10	18	6
ALL HOURS	16	14	8	2	1	1	1	1	3	5	11	19	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	9	3	1	2	1	1	1	3	6	7	13	5
03-05 LST	9	11	7	2	#	1	#	1	4	7	10	14	6
06-08 LST	11	12	9	5	3	#	1	2	6	9	11	15	7
09-11 LST	11	13	6	1	#	#	#	#	1	4	10	16	5
12-14 LST	6	6	1	1	1	#	1	1	#	1	4	10	3
15-17 LST	4	3	1	0	1	1	1	#	#	#	3	7	2
18-20 LST	7	6	1	#	#	1	#	0	0	1	4	9	2
21-23 LST	10	7	1	0	#	1	#	#	#	1	6	12	3
ALL HOURS	8	8	4	1	1	1	1	1	2	4	7	12	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	2	1	1	1	#	1	2	4	4	6	3
03-05 LST	5	6	4	1	0	1	#	#	3	5	4	7	3
06-08 LST	5	7	5	3	2	#	1	1	4	6	6	8	4
09-11 LST	4	6	3	1	0	#	0	0	0	2	5	8	2
12-14 LST	2	1	#	#	0	#	#	0	#	0	1	3	1
15-17 LST	1	1	0	0	1	#	1	#	#	0	1	3	1
18-20 LST	3	2	#	0	0	#	0	0	0	1	1	4	1
21-23 LST	4	3	1	#	#	1	#	#	0	1	3	5	2
ALL HOURS	3	4	2	1	#	#	#	#	1	2	3	5	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BALAGANSK-IN-IRKUT
LOCATION: 54°00'N, 103°04'E
PREPARED BY: USAFETAC/ECR, MAY 1988

STATION #: 306120
ELEVATION (FEET): 1234
PERIOD: 7301-8612

ICAO ID: NONE
LST = GMT +8

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	32	34	50	76	94	95	99	99	85	76	49	41	99
MEAN DLY MAX	1	-4	1	20	39	55	69	72	67	56	38	20	2	36
MEAN	1	-11	-7	11	31	46	60	64	59	48	32	15	-4	29
MEAN DLY MIN	1	-17	-15	0	21	35	49	54	50	38	23	7	-10	20
EXTREME MIN	1	-64	-59	-49	-32	5	23	32	25	9	-43	-57	-64	-64
# DAYS > 90	1	0	0	0	0	0	1	#	#	0	0	0	0	1
# DAYS < 32	1	31	28	31	28	12	#	#	#	6	27	30	31	224
# DAYS < 0	1	29	26	17	2	0	0	0	0	0	1	8	25	107
2. PRECIPITATION (INCHES)														
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	2	.32	.24	.16	.44	.88	2.12	3.00	2.80	1.52	.48	.48	.48	13.0
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.04	2	14	10	7	8	11	12	13	14	12	10	13	15	138
# DAYS >= 0.5	2	0	0	#	#	#	2	2	2	1	#	#	#	8
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.1		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS >= 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)														
RH (05 LST)	1	78	78	79	77	76	81	88	91	87	78	80	80	81
RH (17 LST)	1	75	69	64	48	39	45	53	57	54	60	74	80	60
VAPOR PRESS	1	.02	.03	.06	.12	.17	.32	.43	.39	.25	.13	.08	.04	.17
DEWPOINT	1	-15	-12	3	19	29	45	53	50	39	23	9	-8	20
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$W	\$E	E	NW	NW	NW	W	W	W	W	W	\$W	W
MEAN SPEED														
(PVLG DRCTN)	1	3	5	5	9	8	7	5	5	5	5	5	4	6
MEAN SPEED														
(ALL OBS)	1	3	3	4	6	6	5	5	4	5	5	5	4	5
MAX (PK GST)	1	#	#	#	#	2	25	#	23	23	33	23	#	33
PRESSURE ALT	1	1870	1500	1750	2000	2180	2110	2000	2730	1880	1680	2050	1720	2730
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	#	#	#	#	#	#	#	#	#	#	#	#	#
DAYS TSTMS	1	#	#	0	#	1	5	7	5	1	#	#	0	20
DAYS FOG < 7	1	5	4	2	1	2	2	3	8	7	3	7	6	49
DAYS BNBD < 7	1	#	#	0	0	#	0	#	0	0	#	0	#	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	5	5	12	11	13	19	19	14	16	20	18	13
03-05 LST	10	6	6	11	15	22	24	27	23	20	24	18	17
06-08 LST	15	9	10	12	15	18	27	45	38	27	28	19	22
09-11 LST	15	7	6	14	17	13	21	23	20	25	26	19	17
12-14 LST	5	4	6	17	18	16	20	21	17	20	21	12	15
15-17 LST	6	3	3	10	12	13	21	15	11	15	16	14	12
18-20 LST	8	3	3	7	9	12	14	12	12	15	17	14	11
21-23 LST	9	5	4	7	11	15	19	15	14	15	23	17	13
ALL HOURS	10	5	5	11	14	15	21	22	19	19	22	16	15

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	3	4	1	1	4	4	4	5	11	11	5
03-05 LST	6	5	3	4	3	5	9	13	10	6	13	11	8
06-08 LST	12	8	7	4	4	9	16	31	25	15	18	14	13
09-11 LST	13	6	3	3	2	2	7	8	10	11	16	14	8
12-14 LST	4	3	3	2	2	1	3	2	3	4	11	9	4
15-17 LST	5	2	1	1	#	1	4	2	2	4	6	9	3
18-20 LST	6	2	2	2	1	#	3	2	1	5	8	9	3
21-23 LST	6	3	3	1	1	1	4	3	2	3	10	11	4
ALL HOURS	7	4	3	3	2	3	6	8	7	7	12	11	6

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	3	3	1	0	3	3	1	4	8	7	3
03-05 LST	3	4	2	3	2	4	6	11	8	5	9	7	5
06-08 LST	7	4	5	3	4	6	11	26	19	11	14	8	10
09-11 LST	9	4	3	2	1	1	4	5	5	8	12	10	5
12-14 LST	3	2	3	1	2	1	2	2	1	3	7	7	3
15-17 LST	3	1	#	1	#	1	2	1	1	2	3	7	2
18-20 LST	3	1	1	2	#	0	2	1	#	3	6	6	2
21-23 LST	3	2	2	1	1	0	2	1	1	2	7	8	2
ALL HOURS	4	2	2	2	1	2	4	6	5	5	8	8	4

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	2	#	0	#	2	1	1	4	2	1
03-05 LST	2	1	1	1	2	2	3	7	5	2	5	3	3
06-08 LST	2	1	2	2	1	3	5	17	16	6	5	2	5
09-11 LST	2	1	#	1	0	1	1	1	1	3	3	2	1
12-14 LST	0	#	#	#	#	#	0	#	#	1	1	#	#
15-17 LST	#	1	0	#	0	1	0	#	0	#	#	0	#
18-20 LST	#	#	0	0	0	0	#	0	0	1	2	1	#
21-23 LST	1	0	1	0	0	0	#	#	#	1	3	1	1
ALL HOURS	1	1	1	1	1	1	1	4	3	2	3	1	2

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: BALAGANSK-IN-IRKUT
LOCATION: 54°00'N, 103°04'E
PREPARED BY: USAFETAC/ECR, MAY 1988

STATION #: 306120
ELEVATION (FEET): 1234
PERIOD: 7301-8612

ICAO ID: NONE
LST = GMT +8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	0	0	1	3	1	#	0	0	0	1
03-05 LST	0	0	0	0	0	1	1	1	0	#	#	0	#
06-08 LST	0	0	0	0	0	0	1	1	#	0	0	0	#
09-11 LST	0	0	0	#	0	#	#	0	0	#	0	0	#
12-14 LST	0	0	0	0	0	3	4	1	0	#	0	0	1
15-17 LST	#	0	0	0	#	2	4	1	1	0	#	0	1
18-20 LST	0	0	0	0	0	3	4	1	#	0	#	0	1
21-23 LST	#	0	0	0	#	2	3	2	#	0	0	0	1
ALL HOURS	#	#	0	#	#	2	3	1	#	#	#	0	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	2	6	7	10	12	10	3	1	#	4
03-05 LST	#	0	0	1	4	7	6	12	8	3	#	#	4
06-08 LST	#	0	0	0	5	8	10	11	8	3	0	#	4
09-11 LST	0	0	#	2	4	8	10	12	8	3	#	#	4
12-14 LST	0	0	0	3	6	10	8	10	7	3	1	0	4
15-17 LST	#	0	#	1	5	7	10	6	5	4	#	#	3
18-20 LST	0	0	#	2	5	7	10	6	6	4	1	#	3
21-23 LST	0	0	0	2	6	7	7	8	9	5	#	1	4
ALL HOURS	#	0	#	2	5	8	9	9	8	4	#	#	4

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	55	39	9	8	1	0	0	0	#	9	20	42	15
03-05 LST	60	47	14	7	2	0	0	0	1	9	22	46	17
06-08 LST	63	53	16	9	2	#	0	#	1	9	26	50	19
09-11 LST	49	45	17	8	2	0	0	0	1	9	27	41	17
12-14 LST	33	21	11	6	2	0	0	#	#	9	19	30	11
15-17 LST	18	11	6	3	1	0	0	0	#	5	15	22	7
18-20 LST	39	21	4	2	1	0	0	0	#	6	18	29	10
21-23 LST	51	35	6	4	1	0	0	0	#	7	19	40	14
ALL HOURS	46	34	10	6	2	#	0	#	0	8	21	38	14

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	0	0	0	#	#	#	0	0	#
03-05 LST	0	0	#	0	0	0	#	0	0	#	0	#	#
06-08 LST	#	0	0	0	0	0	0	#	0	0	0	0	#
09-11 LST	0	#	#	0	#	0	#	#	0	0	0	0	#
12-14 LST	0	#	#	#	0	#	#	#	0	#	0	0	#
15-17 LST	0	#	#	#	#	0	0	#	#	0	0	#	#
18-20 LST	0	0	0	#	0	#	0	0	0	0	0	0	#
21-23 LST	0	0	0	0	0	#	#	0	0	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK FOR USSR
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	3	3	1	0	3	3	1	3	7	7	3
03-05 LST	3	4	2	3	2	4	6	10	8	4	9	7	5
06-08 LST	7	4	5	3	3	5	11	25	19	10	12	8	9
09-11 LST	9	4	3	2	1	1	3	4	4	8	11	9	5
12-14 LST	3	2	3	1	2	0	2	1	1	2	6	6	2
15-17 LST	3	1	#	1	#	1	2	1	#	2	3	5	2
18-20 LST	3	1	1	2	#	0	2	1	#	3	5	6	2
21-23 LST	3	2	2	1	1	0	2	1	1	1	7	8	2
ALL HOURS	4	2	2	2	1	1	4	6	4	4	8	7	4

6. % FREQ OF CIG/VIS < 500/1.5 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	3	1	0	2	3	1	2	7	5	2
03-05 LST	2	2	2	2	2	4	4	9	7	3	7	5	4
06-08 LST	5	3	4	3	3	5	7	22	17	8	9	5	8
09-11 LST	6	3	1	1	0	1	2	2	2	5	7	7	3
12-14 LST	1	1	2	1	1	0	1	1	1	2	5	5	2
15-17 LST	2	1	#	1	0	1	0	1	#	1	2	5	1
18-20 LST	2	1	1	1	#	0	1	#	#	2	5	4	1
21-23 LST	2	1	2	1	1	0	2	1	#	1	6	4	2
ALL HOURS	3	2	2	2	1	1	2	5	4	3	6	5	3

7. % FREQ OF CIG/VIS < 300/1 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	2	1	0	#	2	1	1	5	3	2
03-05 LST	2	1	1	1	2	2	3	8	6	2	6	4	3
06-08 LST	4	2	2	2	2	4	6	19	16	6	6	3	6
09-11 LST	4	1	1	1	#	1	1	1	1	3	5	4	2
12-14 LST	#	1	1	1	1	#	0	1	#	1	3	2	1
15-17 LST	1	1	#	#	0	1	0	1	0	#	1	2	1
18-20 LST	1	#	#	0	0	0	#	#	0	1	3	2	1
21-23 LST	1	1	1	1	#	0	#	1	#	1	3	2	1
ALL HOURS	2	1	1	1	1	1	1	4	3	2	4	3	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	#	1	#	0	#	2	1	1	3	1	1
03-05 LST	1	1	1	1	1	2	2	6	4	1	3	1	2
06-08 LST	1	1	2	1	1	1	4	12	12	3	4	1	4
09-11 LST	1	#	#	1	0	#	#	#	1	2	1	#	1
12-14 LST	0	0	0	#	#	#	0	0	#	#	1	0	#
15-17 LST	0	1	0	0	0	1	0	#	0	#	#	0	#
18-20 LST	#	#	0	0	0	0	#	0	0	1	1	#	#
21-23 LST	1	0	1	0	0	0	#	0	#	1	2	1	#
ALL HOURS	1	#	0	#	#	1	1	2	2	1	2	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BARABINSK, USSR
LOCATION: 5522N 7825E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 296120
ELEVATION (FEET): 394
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 7

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	1	36	36	46	80	91	92	92	88	84	70	54	38	92
MEAN DAILY MAX	1	6	7	22	42	59	72	74	69	58	40	22	11	40
MEAN	1	0	0	15	35	50	64	66	60	50	34	17	5	33
MEAN DAILY MIN	1	-6	-7	6	26	38	52	55	49	40	27	10	-1	24
EXTREME MIN	1	-46	-42	-24	-14	18	32	42	34	22	-12	-36	-50	-50
# DAYS GE 90	1	0	0	0	0	1	1	1	0	0	0	0	0	3
# DAYS LE 32	1	31	28	31	21	8	#	0	0	5	23	30	31	208
# DAYS LE 0	1	22	20	11	1	0	0	0	0	#	7	17	78	
2. PRECIPITATION (INCHES)														
MAXIMUM	2	1.9	1.3	1.7	3.3	2.9	4.7	6.6	6.7	3.2	3.1	3.9	3.7	21.6
MEAN	2	0.7	0.5	0.6	0.7	1.3	1.9	2.6	2.1	1.3	1.3	1.1	0.9	15.2
MINIMUM	2	0.1	0.1	0.0	0.0	0.2	0.0	0.7	0.2	0.2	0.1	0.1	0.1	9.0
MAX 24 HR	2	0.6	0.5	0.5	0.9	1.0	1.5	3.0	2.3	0.9	1.2	0.7	0.6	3.0
# DAYS GE 0.004	1	10	7	7	6	6	5	6	6	6	10	10	9	88
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	9	7	6	3	1	0	0	0	0	5	9	9	49
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)														
RH (7 LST)	1	82	82	87	84	78	81	89	92	88	87	86	82	85
RH (16 LST)	1	79	73	72	58	43	45	51	54	54	67	80	79	63
VAPOR PRESS	1	.05	.04	.08	.16	.22	.37	.45	.39	.27	.16	.09	.06	.20
DEWPOINT	1	-3	-4	10	26	35	49	55	51	41	28	13	1	25
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	SW	SW	SW	SW	W	ENE	W	W	S	SW	SW	SW	SW
MEAN SPEED														
(PVLG DRCTN)	1	10	11	10	10	10	7	6	8	6	10	11	10	9
MEAN SPEED														
(ALL OBS)	1	7	8	8	8	9	7	6	6	7	8	8	8	8
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1150	900	850	1300	1150	1250	1200	1100	1050	1100	1100	1000	1250
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	4	4	4	5	4	5	4	5	6	6	5	5
DAYS TSTMS	1	#	#	#	#	1	4	8	3	1	#	#	#	17
DAYS FOG LT 7	1	7	5	7	3	2	2	4	6	5	4	6	6	57
DAYS BNBD LT 7	1	0	0	#	0	0	0	#	0	0	#	#	#	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, POR VARIED

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	81	79	80	75	76	67	66	67	71	76	78	75	74
03-05 LST	84	81	82	79	79	72	65	68	71	75	80	77	76
06-08 LST	84	83	81	47	20	18	23	36	70	76	79	78	58
09-11 LST	48	47	34	22	21	13	14	21	29	43	52	43	32
12-14 LST	29	25	22	21	27	23	29	28	28	40	40	31	29
15-17 LST	21	17	19	21	29	24	30	31	28	38	37	27	27
18-20 LST	78	27	20	18	21	22	22	21	17	39	79	76	37
21-23 LST	84	79	78	75	35	12	11	45	65	73	80	77	59
ALL HOURS	64	55	52	45	39	31	33	39	47	57	66	61	49

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	80	78	78	73	73	66	63	66	69	71	76	74	72
03-05 LST	83	79	80	78	76	70	63	66	68	70	77	76	74
06-08 LST	83	82	80	43	12	11	17	29	66	72	77	76	54
09-11 LST	43	43	32	15	11	6	8	15	20	33	47	38	26
12-14 LST	26	24	20	11	7	5	5	9	8	25	35	26	17
15-17 LST	20	15	16	9	7	7	6	5	7	20	30	24	14
18-20 LST	78	25	16	10	6	6	4	4	6	25	77	75	27
21-23 LST	82	79	77	73	26	4	3	40	63	68	77	75	56
ALL HOURS	62	53	50	39	27	22	21	29	38	48	62	58	42

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	77	74	74	72	72	65	63	65	67	70	71	70	70
03-05 LST	78	78	78	77	75	68	62	65	66	68	72	70	72
06-08 LST	78	78	76	39	6	4	5	16	60	69	72	72	48
09-11 LST	26	20	17	8	3	2	3	8	11	21	32	25	15
12-14 LST	14	10	6	7	1	1	2	4	5	12	20	14	8
15-17 LST	8	7	7	4	1	1	1	2	2	8	20	13	6
18-20 LST	71	15	8	3	1	1	1	2	2	18	72	68	22
21-23 LST	79	78	75	72	24	1	1	38	62	65	72	70	53
ALL HOURS	54	45	43	35	23	18	17	25	34	41	54	50	37

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	#	0	0	#	#	#	2	2	2	1
03-05 LST	2	1	4	2	1	1	2	1	2	3	2	3	2
06-08 LST	4	3	5	3	1	1	3	7	4	3	3	2	3
09-11 LST	6	5	6	2	1	#	0	1	2	4	6	3	3
12-14 LST	3	1	1	1	0	#	#	#	1	2	3	1	1
15-17 LST	2	1	1	1	#	0	#	#	0	1	2	1	1
18-20 LST	1	#	#	0	#	1	#	1	0	1	3	2	1
21-23 LST	1	1	1	1	#	#	1	0	#	1	2	2	1
ALL HOURS	2	2	2	1	#	#	1	1	1	2	3	2	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BARABINSK, USSR
 LOCATION: 5522N 7825E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 296120
 ELEVATION (FEET): 394
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT + 7

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	#	2	3	1	#	0	0	0	1
03-05 LST	0	0	0	0	#	1	2	#	0	0	0	0	#
06-08 LST	#	#	#	0	0	#	1	#	0	0	#	#	#
09-11 LST	0	0	0	0	0	0	1	1	0	#	0	0	#
12-14 LST	0	0	0	0	0	0	#	#	0	0	0	0	#
15-17 LST	0	0	0	#	1	2	3	2	0	0	0	0	1
18-20 LST	0	0	0	0	#	2	5	1	#	0	0	0	1
21-23 LST	0	0	0	1	0	1	3	3	#	0	0	#	1
ALL HOURS	#	#	#	#	#	1	2	1	#	#	#	#	#

2. % FREQ RAIN AKD/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	#	5	6	6	5	6	6	9	2	1	4
03-05 LST	1	#	1	4	7	5	5	6	10	7	1	0	4
06-08 LST	1	#	1	6	5	6	7	6	9	8	1	0	4
09-11 LST	1	1	#	2	7	4	6	7	9	6	1	#	4
12-14 LST	#	0	1	3	6	3	6	8	7	6	1	#	3
15-17 LST	0	0	1	3	6	6	5	4	7	6	2	1	3
18-20 LST	#	0	1	4	5	5	8	5	6	7	1	#	4
21-23 LST	1	#	1	6	7	5	4	7	5	7	3	1	4
ALL HOURS	0	#	1	4	6	5	6	6	7	7	2	1	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	13	12	3	1	0	0	0	#	9	17	14	7
03-05 LST	16	11	11	4	2	#	0	0	0	7	15	15	7
06-08 LST	18	13	11	5	1	0	0	0	1	9	17	17	8
09-11 LST	20	21	13	6	3	0	#	0	1	14	22	15	10
12-14 LST	19	16	11	5	3	0	0	0	1	14	21	22	9
15-17 LST	17	14	9	5	2	0	0	0	1	12	23	18	8
18-20 LST	14	15	10	6	2	0	0	0	0	10	19	16	8
21-23 LST	17	13	10	6	1	0	0	0	1	9	15	16	7
ALL HOURS	17	14	11	5	2	#	#	0	1	11	19	17	8

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	#	1	0	0	0	#	#	1	1	#
03-05 LST	1	#	0	#	1	0	#	1	1	1	#	1	1
06-08 LST	#	1	#	#	#	#	0	#	0	1	1	2	1
09-11 LST	1	1	1	1	1	1	#	2	0	1	1	0	1
12-14 LST	1	1	1	2	2	0	0	1	1	1	1	#	1
15-17 LST	1	1	2	1	3	0	1	1	1	2	1	1	1
18-20 LST	#	#	1	1	3	#	0	#	0	1	2	1	1
21-23 LST	1	1	1	1	2	#	0	#	#	2	2	1	1
ALL HOURS	1	1	1	1	2	#	#	1	#	1	1	1	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	77	74	73	72	72	65	63	65	67	69	70	68	69
03-05 LST	77	77	78	77	75	68	62	65	66	68	72	69	71
06-08 LST	76	78	75	38	5	3	5	14	60	68	71	71	47
09-11 LST	25	19	16	8	2	2	2	7	10	18	25	21	13
12-14 LST	13	9	6	5	#	1	2	2	3	10	17	12	7
15-17 LST	7	7	6	4	1	1	1	1	2	7	16	12	5
18-20 LST	70	15	6	3	1	1	1	1	2	16	72	68	21
21-23 LST	78	77	75	72	23	1	1	38	62	65	71	69	53
ALL HOURS	53	44	42	35	22	18	17	24	34	40	52	49	36

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	74	74	72	71	71	64	62	64	67	66	67	67	68
03-05 LST	76	77	77	77	75	68	62	64	65	66	69	68	70
06-08 LST	76	77	74	37	3	2	4	11	58	67	68	69	45
09-11 LST	21	17	15	4	1	#	#	3	7	11	18	16	9
12-14 LST	11	7	5	3	0	#	#	1	2	7	10	9	5
15-17 LST	6	6	5	2	1	0	1	0	1	5	10	7	4
18-20 LST	69	14	4	2	1	1	#	1	#	14	69	66	20
21-23 LST	77	77	74	71	22	#	1	38	61	64	69	67	52
ALL HOURS	51	43	41	33	22	17	16	23	33	37	47	46	34

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	4	1	#	0	1	#	1	3	4	4	2
03-05 LST	5	2	6	3	1	1	2	1	3	5	4	5	3
06-08 LST	6	4	6	4	1	1	3	7	6	4	5	3	4
09-11 LST	9	8	9	2	1	#	#	1	2	7	10	7	5
12-14 LST	5	3	2	2	0	#	#	1	1	4	5	3	2
15-17 LST	2	2	1	1	1	0	#	#	0	2	6	2	1
18-20 LST	3	2	1	1	#	1	#	1	0	1	5	4	2
21-23 LST	2	2	2	2	1	#	1	#	1	2	5	4	2
ALL HOURS	5	3	4	2	1	1	1	2	2	3	5	4	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	#	0	0	#	#	0	1	2	2	1
03-05 LST	1	1	3	1	1	1	1	1	1	3	1	1	1
06-08 LST	2	2	4	2	#	1	2	4	3	2	2	2	2
09-11 LST	3	1	3	2	#	#	0	1	1	4	4	2	2
12-14 LST	1	#	#	0	0	#	#	0	1	2	1	0	1
15-17 LST	0	0	0	#	0	0	#	#	0	#	2	#	#
18-20 LST	#	#	0	0	#	#	#	1	0	#	2	1	1
21-23 LST	#	#	1	1	#	#	#	0	0	1	2	2	1
ALL HOURS	1	1	2	1	#	#	1	1	1	2	2	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BAYAN-AUL, USSR
 LOCATION: 5048N, 7542E
 PREPARED BY: USAFETAC/ECR, NOV 1988

STATION #: 361260
 ELEVATION (FEET): 494
 PERIOD: 7301-8612

ICAO ID: N/A
 LST = GMT + 6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1	45	43	55	86	95	104	97	96	99	79	59	50	104
MEAN DLY MAX 1	15	15	27	50	63	74	77	72	63	45	29	20	46
MEAN 1	9	8	20	42	55	66	69	64	54	38	23	13	38
MEAN DLY MIN 1	2	0	12	32	44	55	58	53	43	30	17	6	29
EXTREME MIN 1	-48	-35	-23	0	18	32	32	15	24	3	-28	-37	-48
# DAYS > 90 1	0	0	0	0	#	2	3	1	#	0	0	0	6
# DAYS < 32 1	31	28	30	15	3	#	#	#	2	18	28	30	185
# DAYS < 0 1	14	14	6	#	0	0	0	0	0	0	2	9	45
2. PRECIPITATION (INCHES)													
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MINIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.04 1	7	6	6	5	5	5	6	4	4	8	7	6	69
# DAYS > 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.1 1	6	5	5	2	1	#	#	#	#	3	5	5	32
# DAYS > 1.5	#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (06 LST) 1	74	74	79	74	65	66	69	70	68	75	73	72	72
RH (18 LST) 1	72	67	67	47	38	36	40	40	40	60	69	68	54
VAPOR PRESS 1	.06	.05	.09	.16	.21	.31	.36	.31	.22	.16	.10	.06	.17
DEWPOINT 1	2	0	12	27	34	44	49	45	36	27	14	5	25
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	\$W	\$W	\$W	\$W	\$W	\$W	\$W	\$W	\$W	\$W	W	\$W	\$W
MEAN SPEED													
(PVLG DRCTN) 1	14	14	14	12	12	11	9	10	10	12	13	11	12
MEAN SPEED													
(ALL OBS) 1	9	9	8	8	8	7	6	6	6	8	9	8	8
MAX (PK GST) 1	#	#	#	#	#	#	#	#	#	39	#	33	39
PRESSURE ALT 1	2050	2100	2100	2150	2100	2100	2100	2150	2100	2100	2150	2150	2150
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	4	4	4	4	4	4	4	4	4	5	5	4	4
DAYS TSTMS 1	#	0	#	#	#	2	2	#	1	0	#	#	20
DAYS FOG < 7 1	2	3	5	2	#	#	#	1	#	2	2	1	12
DAYS BNBD < 7 1	#	#	0	#	0	0	#	#	0	0	0	#	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM > PVLG DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301 - 8612

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	13	20	18	9	7	5	8	8	8	15	21	19	12
06-08 LST	17	18	15	16	10	9	10	12	9	16	22	18	14
09-11 LST	35	27	22	20	11	10	8	10	12	23	25	22	19
12-14 LST	24	22	19	15	11	10	8	9	9	29	29	21	17
15-17 LST	16	17	15	12	10	9	8	8	9	24	28	15	14
18-20 LST	18	17	19	11	9	5	7	8	9	22	26	18	14
21-23 LST	14	13	18	9	9	7	7	8	7	14	21	17	12
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	12	15	13	7	3	2	4	5	5	7	16	14	9
06-08 LST	15	14	12	12	6	5	5	7	6	10	16	16	11
09-11 LST	27	23	17	15	5	5	4	4	8	14	17	16	13
12-14 LST	21	19	15	10	4	6	2	3	5	15	20	14	11
15-17 LST	11	14	11	7	4	6	3	3	5	12	19	9	9
18-20 LST	15	13	14	6	4	2	4	4	4	11	18	14	9
21-23 LST	12	11	13	5	5	2	3	4	5	8	15	15	8
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	10	7	3	2	2	2	4	2	4	10	5	5
06-08 LST	8	7	7	6	3	3	2	4	3	5	8	8	5
09-11 LST	15	14	11	6	3	2	2	2	4	10	10	8	7
12-14 LST	10	7	8	5	2	3	1	2	2	6	11	7	5
15-17 LST	8	8	5	3	2	3	2	2	2	6	8	3	4
18-20 LST	8	7	5	5	2	1	3	2	2	5	11	7	5
21-23 LST	5	7	7	3	3	1	2	2	2	5	8	8	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	3	2	2	0	1	1	3	#	2	5	1	2
06-08 LST	3	2	2	3	1	1	1	1	2	3	1	3	2
09-11 LST	5	2	1	2	2	1	0	#	1	4	3	2	2
12-14 LST	3	2	2	1	1	1	0	0	#	2	3	2	1
15-17 LST	2	3	1	1	1	2	#	1	#	2	2	#	1
18-20 LST	3	1	#	2	1	1	2	#	1	2	4	3	2
21-23 LST	#	3	2	1	1	1	1	1	1	2	3	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: BAYAN-AUL, USSR
LOCATION: 5048N, 7542E
PREPARED BY: USAFETAC/ECR, NOV 1988

STATION #: 361260
ELEVATION (FEET): 494
PERIOD: 7301-8612

ICAO ID: N/A
LST = GMT + 6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	0	#	1	1	1	0	0	0	0	#
06-08 LST	0	1	#	0	0	1	#	#	0	0	0	0	#
09-11 LST	#	0	1	0	0	0	#	#	#	0	0	0	#
12-14 LST	0	0	0	1	0	2	1	1	1	#	0	0	#
15-17 LST	0	0	0	0	1	5	7	2	1	0	0	#	1
18-20 LST	0	0	#	0	1	3	4	2	0	0	0	0	1
21-23 LST	#	0	0	0	#	1	2	#	#	0	0	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	1	1	4	5	5	4	3	4	5	#	#	3
06-08 LST	#	#	1	5	5	7	4	4	7	4	2	1	3
09-11 LST	0	1	1	6	3	6	5	2	8	5	4	2	3
12-14 LST	1	2	2	5	4	6	4	5	7	9	3	1	4
15-17 LST	1	#	1	4	4	4	7	4	8	7	2	1	4
18-20 LST	0	1	2	4	5	5	7	5	2	6	4	0	3
21-23 LST	1	#	1	4	4	5	3	3	3	4	2	1	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	13	10	11	2	#	0	0	0	1	6	10	12	6
06-08 LST	15	11	11	5	1	0	0	0	#	6	11	13	6
09-11 LST	22	18	20	11	1	1	0	0	#	10	14	16	9
12-14 LST	18	18	12	4	2	0	0	#	1	10	16	17	8
15-17 LST	10	9	8	3	1	0	#	0	1	10	13	9	5
18-20 LST	12	11	11	4	1	#	0	#	#	7	11	9	5
21-23 LST	10	8	8	3	1	#	0	#	1	6	9	10	5
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	8	6	1	3	2	2	1	#	2	10	8	4
06-08 LST	12	11	5	4	2	4	2	2	1	4	7	10	5
09-11 LST	14	10	6	7	5	4	#	1	1	7	6	9	6
12-14 LST	12	11	7	6	7	5	3	3	4	9	12	10	7
15-17 LST	11	13	8	7	7	6	3	5	4	8	11	7	7
18-20 LST	10	7	5	3	5	5	4	2	3	7	11	7	6
21-23 LST	11	8	6	3	3	2	1	3	1	3	6	8	5
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301 - 8612

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	10	7	3	1	2	2	4	2	4	9	5	5
06-08 LST	8	7	7	6	3	3	2	3	3	5	7	6	5
09-11 LST	14	13	11	5	3	2	2	2	2	9	8	7	7
12-14 LST	10	7	7	5	2	3	1	2	2	6	9	7	5
15-17 LST	7	8	5	3	2	3	1	2	2	5	7	3	4
18-20 LST	7	7	5	3	2	1	2	1	1	5	10	7	4
21-23 LST	5	7	7	2	3	1	2	2	2	5	8	7	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	9	7	2	1	2	2	3	1	4	9	5	4
06-08 LST	8	7	6	6	2	2	2	2	2	5	6	5	4
09-11 LST	13	12	9	5	2	2	1	1	2	7	6	6	6
12-14 LST	9	7	7	5	1	3	#	1	1	5	8	7	5
15-17 LST	7	7	5	3	1	3	1	1	1	4	7	3	4
18-20 LST	7	6	4	3	1	1	2	1	1	5	9	7	4
21-23 LST	5	7	6	1	2	1	1	2	2	4	7	7	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	5	8	3	2	1	1	2	3	1	3	8	3	3
06-08 LST	7	5	4	5	2	1	1	2	2	4	5	4	3
09-11 LST	9	6	6	5	2	1	#	1	1	6	5	4	4
12-14 LST	7	4	4	3	1	2	0	#	1	3	6	6	3
15-17 LST	5	6	2	2	1	2	#	1	1	3	5	2	3
18-20 LST	6	5	2	2	1	1	2	1	1	4	6	7	3
21-23 LST	3	6	5	1	2	1	1	2	2	4	6	5	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	2	2	2	0	#	1	2	#	2	3	1	2
06-08 LST	2	1	2	3	1	1	1	1	2	2	1	2	1
09-11 LST	4	2	1	2	1	1	0	#	1	3	3	2	2
12-14 LST	3	1	1	1	1	1	0	0	0	1	2	2	1
15-17 LST	1	2	#	1	1	1	0	1	#	2	2	0	1
18-20 LST	3	1	#	2	1	1	2	#	1	1	4	3	2
21-23 LST	#	2	2	1	1	1	1	1	1	2	3	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BELOGORSK, USSR
LOCATION: 50°55'N, 128°29'E
PREPARED BY: USAFETAC/ECR, OCT 1988

STATION #: 315130
ELEVATION (FEET): 584
PERIOD: VARIED

ICAO ID:
LST - GMT +9

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	24	29	48	77	91	92	95	90	82	76	52	32 95
MEAN DLY MAX	1	-4	6	24	45	62	74	78	73	62	41	16	-1 40
MEAN	1	-13	-4	16	38	54	65	70	65	53	33	9	-9 31
MEAN DLY MIN	1	-20	-12	6	29	43	56	62	56	44	24	1	-15 23
EXTREME MIN	1	-48	-35	-18	6	27	40	40	39	25	0	-28	-41 -48
# DAYS > 90	1	0	0	0	0	0	1	1	0	0	0	0	3
# DAYS < 32	1	31	28	31	20	2	0	0	2	25	30	31	200
# DAYS < 0	1	31	26	10	0	0	0	0	0	0	15	30	112
2. PRECIPITATION (INCHES)													
MAXIMUM	2	0.6	0.6	0.8	1.8	8.6	7.6	11.1	11.1	7.1	3.8	1.4	0.9 27.9
MEAN	2	0.2	0.2	0.4	0.8	1.5	3.3	4.3	4.1	2.6	0.8	0.4	0.2 18.8
MINIMUM	2	0.0	0.0	0.0	0.2	0.1	0.7	0.1	1.0	0.4	0.0	0	0.0 10.9
MAX 24 HR													
# DAYS > 0.04	1	4	3	3	5	4	5	6	6	5	3	4	4 52
# DAYS > 0.5													
3. SNOWFALL (INCHES)													
MEAN													
MAXIMUM													
MAX 24 HR													
# DAYS > 0.1	1	4	3	3	2	0	0	0	0	2	4	4	23
# DAYS > 1.5													
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (06 LST)	1	78	78	75	74	72	81	89	91	86	74	76	79 79
RH (13 LST)	1	68	61	53	43	39	47	58	58	50	44	59	69 54
VAPOR PRESS	1	.02	.03	.06	.13	.22	.40	.55	.47	.29	.12	.05	.02 .20
DEWPOINT	1	-18	-10	6	22	35	52	60	56	42	20	1	-13 21
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$NW	NW	NW	NNW	S	S	S	S	S	NW	NW	\$NW NW
MEAN SPEED													
(PVLG DRCTN)	1	4	5	6	7	8	6	5	6	6	6	5	4 6
MEAN SPEED													
(ALL OBS)	1	3	4	5	6	6	5	4	4	5	6	5	3 5
MAX (PK GST)	1	0	0	0	0	0	0	0	0	0	0	0	0 0
PRESSURE ALT	1	1680	1730	1730	2130	2330	2130	2080	2180	1930	2030	1780	1730 1950
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	2	2	3	5	5	5	5	4	4	3	3	4
DAYS TSMS	1	0	0	0	0	5	5	5	4	0	0	0	1
DAYS FOG < 7	1	5	4	2	1	2	1	2	2	1	2	5	25
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 † - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S). 1. USAFETAC DATSAV POR 7301-8612
 2. CLIMTE HANDBOOK OF THE USSR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	4	1	3	15	15	22	19	26	17	9	5	4	12
06-08 LST	7	3	3	15	20	24	25	31	20	8	4	7	14
09-11 LST	27	22	9	16	21	26	28	33	23	14	16	27	22
12-14 LST	15	5	5	21	23	27	31	35	25	13	8	16	19
15-17 LST	7	1	5	24	28	31	32	36	27	16	6	5	18
18-20 LST	6	2	5	22	22	27	27	29	26	15	6	6	16
21-23 LST	7	1	4	17	17	21	19	28	20	11	5	6	13
ALL HOURS	10	5	5	19	21	25	26	31	23	12	7	10	16

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	4	1	3	11	7	7	10	16	9	6	3	4	7
06-08 LST	7	2	3	11	10	9	13	19	11	6	3	7	8
09-11 LST	27	22	8	13	11	12	19	20	13	9	15	27	16
12-14 LST	15	5	4	11	10	10	13	19	13	7	7	16	11
15-17 LST	7	1	4	12	12	8	11	14	10	9	5	5	8
18-20 LST	6	2	3	12	11	10	12	14	12	9	5	6	8
21-23 LST	6	1	3	11	7	9	8	16	10	6	4	6	7
ALL HOURS	10	5	4	12	10	9	12	17	11	7	6	10	9

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	1	#	1	3	3	1	1	3	3	#	1	1	2
06-08 LST	3	1	1	4	1	2	4	7	2	1	2	2	3
09-11 LST	16	11	4	5	2	3	6	5	5	4	7	12	7
12-14 LST	10	2	3	3	1	1	2	3	3	3	4	6	3
15-17 LST	2	0	2	2	2	1	1	1	1	5	2	1	2
18-20 LST	2	#	2	2	1	1	1	2	2	3	1	2	2
21-23 LST	2	1	1	3	1	1	#	1	2	2	1	2	1
ALL HOURS	5	2	2	3	2	1	2	3	3	3	3	4	3

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	1	0	#	1	1	#	0	1	1	#	#	1	1
06-08 LST	2	0	#	#	1	1	1	3	1	#	1	2	1
09-11 LST	7	2	1	2	1	1	1	1	2	0	2	3	2
12-14 LST	5	1	1	#	0	0	0	#	0	#	1	3	1
15-17 LST	#	0	1	#	1	0	0	#	0	1	1	#	#
18-20 LST	1	0	1	1	0	#	#	#	1	#	#	1	1
21-23 LST	1	0	#	#	1	#	0	#	1	#	0	#	#
ALL HOURS	3	#	1	1	1	1	#	1	1	1	1	2	1

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: BELOGORSK, USSR
LOCATION: 50°55N, 128°29'E
PREPARED BY: USAFETAC/ECR, OCT 1988

STATION #: 315130
ELEVATION (FEET): 584
PERIOD: 7301-8612

ICAO ID:
LST = GMT +9

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	#	0	1	#	1	0	0	0	0	#
06-08 LST	0	0	0	0	0	1	1	1	0	0	0	0	#
09-11 LST	0	0	0	0	0	#	1	#	0	0	0	0	#
12-14 LST	0	0	0	0	0	1	#	#	0	0	0	0	#
15-17 LST	0	0	0	0	1	1	2	1	1	0	0	0	1
18-20 LST	0	0	0	#	1	3	2	1	1	0	0	0	1
21-23 LST	0	0	0	0	1	1	2	1	1	0	0	0	1
ALL HOURS	0	0	0	#	#	1	1	1	#	0	0	0	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	5	6	9	5	11	9	3	#	0	4
06-08 LST	0	0	#	5	6	6	6	12	8	2	1	0	4
09-11 LST	0	0	#	5	7	6	10	11	7	2	1	1	4
12-14 LST	#	0	1	5	6	6	5	9	6	2	#	0	3
15-17 LST	#	0	#	6	10	7	8	9	9	3	0	0	4
18-20 LST	0	0	1	6	6	11	8	10	10	2	1	0	5
21-23 LST	0	1	#	8	5	7	5	11	9	4	#	0	4
ALL HOURS	#	#	#	6	7	7	7	10	8	3	1	#	4

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	8	7	7	6	1	0	0	0	0	5	7	8	4
06-08 LST	8	11	6	7	1	0	0	0	0	6	7	8	5
09-11 LST	6	9	7	4	1	0	0	0	1	6	11	9	5
12-14 LST	6	6	7	7	1	0	0	0	1	6	9	8	4
15-17 LST	6	5	6	4	0	0	0	0	1	5	9	9	4
18-20 LST	8	7	7	4	0	0	0	0	1	4	6	11	4
21-23 LST	8	6	7	5	#	0	0	0	1	4	8	10	4
ALL HOURS	7	7	7	5	1	0	0	0	1	5	8	9	4

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	#	#	0	#	0	0	#	0	#	0	#
06-08 LST	#	0	0	#	#	#	#	0	0	0	0	#	#
09-11 LST	0	#	0	#	1	0	#	#	#	0	0	#	#
12-14 LST	#	0	#	1	1	0	#	0	0	1	0	#	#
15-17 LST	#	0	#	1	1	0	#	0	1	1	0	#	1
18-20 LST	0	0	#	#	0	0	1	#	#	0	0	0	#
21-23 LST	0	#	#	#	#	0	0	#	0	#	#	0	#
ALL HOURS	#	#	#	1	1	#	#	#	#	#	#	#	1

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7601-8612
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	1	#	1	3	2	1	1	3	3	#	1	1	2
06-08 LST	3	1	1	4	1	2	4	7	2	1	2	2	3
09-11 LST	16	11	4	5	2	3	6	5	5	4	7	12	7
12-14 LST	10	2	3	3	1	1	2	3	2	3	4	6	3
15-17 LST	2	0	2	2	2	1	1	1	1	5	2	1	2
18-20 LST	2	#	2	2	1	1	1	2	2	3	1	2	2
21-23 LST	2	1	1	3	1	1	#	1	2	2	1	2	1
ALL HOURS	5	2	2	3	1	1	2	3	2	3	3	4	3

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	1	#	1	3	2	1	1	2	2	#	1	1	1
06-08 LST	3	1	1	3	1	1	3	5	2	1	2	2	2
09-11 LST	13	7	4	4	1	2	4	3	3	2	6	7	5
12-14 LST	8	1	2	1	#	0	#	1	2	2	2	5	2
15-17 LST	2	0	1	1	1	0	1	1	1	3	1	1	1
18-20 LST	2	#	2	2	1	1	#	1	1	2	1	2	1
21-23 LST	2	1	#	3	1	1	#	#	1	1	1	2	1
ALL HOURS	4	2	2	2	1	1	2	2	2	2	2	3	2

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	1	0	#	1	1	#	#	1	1	#	#	1	1
06-08 LST	3	0	1	1	1	1	2	4	2	#	1	2	1
09-11 LST	11	6	2	3	1	1	1	2	2	1	5	5	3
12-14 LST	6	1	1	1	0	0	#	#	1	1	1	4	1
15-17 LST	1	0	1	1	1	0	0	#	#	1	1	1	1
18-20 LST	1	#	1	1	0	#	#	#	1	1	#	1	1
21-23 LST	2	0	#	1	1	1	0	#	1	1	#	1	0
ALL HOURS	4	1	1	1	1	1	1	1	1	1	1	2	1

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	#	0	0	1	1	#	0	1	0	#	0	#	#
06-08 LST	1	0	#	#	0	1	1	3	#	#	#	1	1
09-11 LST	4	1	#	1	#	1	#	1	1	#	1	3	1
12-14 LST	2	1	#	#	0	0	0	0	#	0	1	1	#
15-17 LST	0	0	0	0	1	0	#	#	0	#	1	#	#
18-20 LST	#	0	#	#	0	#	#	0	#	0	0	1	#
21-23 LST	1	0	#	#	1	#	0	#	#	0	0	#	#
ALL HOURS	1	#	#	1	1	1	#	1	#	#	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BIKIN-IN-KHABAROV, USSR
LOCATION: 4648N 13417E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 318320
ELEVATION (FEET): 203
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +10

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	38	40	62	76	90	90	94	98	86	76	56	42 98
MEAN DAILY MAX	1	4	13	31	50	64	73	79	77	66	49	28	10 45
MEAN	1	-6	2	22	41	55	64	71	68	56	39	20	1 36
MEAN DAILY MIN	1	-16	-9	11	32	44	56	63	60	46	30	11	-8 27
EXTREME MIN	1	-36	-34	-18	8	26	36	50	38	23	3	-21 -34	-36
# DAYS GE 90	1	0	0	0	0	#	#	2	1	0	0	0	0 3
# DAYS LE 32	1	31	28	30	16	1	0	0	0	2	20	29	31 188
# DAYS LE 0	1	30	25	7	0	0	0	0	0	0	0	6	26 94
2. PRECIPITATION (INCHES)													
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MEAN	2	0.4	0.2	0.4	1.1	2.6	3.8	4.1	4.6	3.4	1.7	0.8	0.4 23.5
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	1	4	4	5	6	6	6	6	7	5	4	4	5 62
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN		#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	4	4	4	2	0	0	0	0	0	1	4	5 24
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°)													
RH (7 LST)	1	82	84	84	78	79	86	90	92	89	81 F)79	83	84
RH (16 LST)	1	62	56	51	46	43	54	58	58	51	46	53	63 54
VAPOR PRESS	1	.03	.04	.09	.16	.25	.44	.59	.54	.34	.16	.08	.04 .23
DEWPOINT	1	-11	-4	12	28	39	54	62	60	47	27	11	-4 27
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$E	\$E	\$E	\$E \$ESE	SE	\$SE	\$SE	\$SE	\$SE	\$E	\$W	\$E \$E
MEAN SPEED													
(PVLG DRCTN)	1	4	4	5	5	7	6	6	6	6	5	5	4 5
MEAN SPEED													
(ALL OBS)	1	3	3	4	5	5	4	4	4	4	4	4	3 4
MAX PEAK GUST*		#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	700	690	680	1170	1300	850	910	1110	1000	1130	740	1000 1300
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	3	3	4	5	5	5	5	4	4	4	3	3 4
DAYS TSTMS	1	#	#	#	#	2	4	5	3	2	#	#	# 16
DAYS FOG LT 7	1	22	18	9	5	4	7	11	9	10	8	8	20 131
DAYS BNBD LT 7	1	0	#	0	0	#	#	#	#	0	0	#	0 1
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN													

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, POR N/A

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	5	8	13	15	19	22	28	21	12	12	12	15
03-05 LST	16	9	10	17	13	23	30	33	25	16	16	17	19
06-08 LST	24	14	13	24	22	32	45	39	36	22	14	23	26
09-11 LST	37	31	17	21	20	29	32	32	27	21	14	29	26
12-14 LST	13	3	10	28	28	30	33	35	29	23	14	13	22
15-17 LST	7	4	13	31	28	31	30	33	32	23	13	9	21
18-20 LST	7	10	12	24	24	24	23	31	26	24	12	11	19
21-23 LST	8	3	8	15	18	23	25	23	19	14	12	12	15
ALL HOURS	15	10	12	22	21	26	30	32	27	19	13	16	20

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	4	5	5	3	3	5	10	6	5	6	11	6
03-05 LST	16	8	7	7	4	8	12	14	9	6	9	16	10
06-08 LST	23	13	11	11	9	13	19	19	18	11	7	21	15
09-11 LST	37	30	14	9	3	7	9	9	12	10	9	28	15
12-14 LST	13	3	5	4	4	4	5	8	4	7	6	11	6
15-17 LST	6	2	5	6	2	3	3	9	4	7	6	7	5
18-20 LST	7	9	6	5	2	2	2	9	4	12	6	10	6
21-23 LST	7	3	5	6	3	3	3	8	3	5	6	10	5
ALL HOURS	15	9	7	7	4	6	7	11	8	8	7	14	8

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	1	1	0	1	3	2	2	1	2	1
03-05 LST	1	1	2	2	1	3	3	5	4	2	2	1	2
06-08 LST	1	1	2	4	5	7	10	11	11	3	1	1	5
09-11 LST	7	2	3	3	1	2	3	3	5	5	2	5	3
12-14 LST	2	#	2	1	1	1	1	2	#	2	2	3	1
15-17 LST	1	0	2	2	#	#	#	1	1	3	2	2	1
18-20 LST	1	1	2	2	1	#	0	4	#	2	2	1	1
21-23 LST	1	#	1	1	0	1	#	2	1	2	2	#	1
ALL HOURS	2	1	2	2	1	2	2	4	3	3	2	2	2

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	1	0	1	#	1	1	0	#	#
03-05 LST	#	0	1	0	1	2	3	4	4	1	1	0	1
06-08 LST	0	1	#	2	4	6	8	9	10	2	#	#	4
09-11 LST	#	0	1	2	#	1	1	1	4	2	1	0	1
12-14 LST	#	0	#	0	1	#	#	#	0	1	#	#	#
15-17 LST	#	0	#	#	#	#	#	0	#	#	#	#	#
18-20 LST	0	0	#	#	0	#	0	1	0	#	#	0	#
21-23 LST	#	0	0	0	0	#	#	#	#	#	0	0	#
ALL HOURS	#	#	#	1	1	1	2	2	2	1	#	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BIKIN-IN-KHABAROV, USSR
LOCATION: 4648N 13417E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 318320
ELEVATION (FEET): 203
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	1	2	0	1	0	0	0	#
03-05 LST	0	0	#	0	0	2	2	#	1	0	#	0	#
06-08 LST	0	0	0	0	#	#	1	1	#	0	#	0	#
09-11 LST	#	0	0	0	#	#	#	0	#	0	0	0	#
12-14 LST	0	0	0	0	1	0	#	#	0	0	0	0	#
15-17 LST	0	0	0	0	1	2	#	1	1	#	0	0	1
18-20 LST	0	0	0	0	1	4	3	1	1	1	0	#	1
21-23 LST	0	0	0	0	1	2	2	2	1	#	0	0	1
ALL HOURS	#	0	#	0	1	2	2	1	1	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	6	10	7	8	11	9	6	#	#	5
03-05 LST	0	0	0	6	12	10	10	9	10	5	1	1	5
06-08 LST	0	#	#	6	9	11	12	12	10	4	#	#	5
09-11 LST	#	#	1	6	9	12	9	12	9	6	1	0	5
12-14 LST	0	0	#	7	8	8	6	11	7	5	0	0	5
15-17 LST	0	0	1	7	8	9	7	11	9	5	1	0	5
18-20 LST	0	0	1	8	9	10	5	10	9	4	1	0	5
21-23 LST	#	0	#	10	10	10	8	10	10	4	1	#	5
ALL HOURS	#	#	1	7	9	10	8	11	9	5	1	#	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	8	8	3	0	0	0	0	0	2	7	9	4
03-05 LST	10	9	10	4	#	0	0	#	0	3	9	12	5
06-08 LST	9	9	10	5	#	0	0	0	0	1	9	12	5
09-11 LST	9	10	12	5	#	0	0	0	#	3	9	12	5
12-14 LST	9	6	8	4	#	0	0	0	#	3	8	12	4
15-17 LST	8	6	8	5	0	0	0	0	0	3	7	11	4
18-20 LST	7	6	9	3	0	0	0	0	0	3	7	10	4
21-23 LST	9	7	9	2	0	0	0	0	#	2	7	9	4
ALL HOURS	9	8	9	4	#	0	0	#	#	3	8	11	4

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	#	0	0	#	0	#	0	0	#
03-05 LST	0	0	0	0	0	0	#	#	0	#	0	#	#
06-08 LST	0	0	0	#	0	0	#	0	0	0	0	0	#
09-11 LST	#	0	#	#	0	0	0	0	#	#	#	0	#
12-14 LST	0	0	0	#	1	0	0	#	0	0	0	0	#
15-17 LST	#	0	#	#	1	0	0	0	0	0	0	#	#
18-20 LST	0	0	0	0	#	0	#	#	#	0	0	0	#
21-23 LST	0	0	#	0	#	0	0	#	#	0	0	0	#
ALL HOURS	#	0	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	1	1	0	1	3	2	2	1	2	1
03-05 LST	1	1	2	2	1	3	3	5	4	2	2	1	2
06-08 LST	1	1	2	4	5	7	10	11	11	3	1	1	5
09-11 LST	7	2	3	3	1	1	2	3	5	5	2	5	3
12-14 LST	2	#	2	#	1	1	1	2	#	2	2	3	1
15-17 LST	1	0	2	2	#	#	#	1	1	3	2	2	1
18-20 LST	1	1	2	2	1	#	0	4	#	2	2	1	1
21-23 LST	1	#	1	1	0	1	#	2	1	2	2	#	1
ALL HOURS	2	1	2	2	1	2	2	4	3	3	2	2	2

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	1	#	1	0	1	1	2	2	0	1	1
03-05 LST	1	1	1	2	1	2	3	4	4	2	2	1	2
06-08 LST	1	1	2	3	5	6	9	10	10	3	1	1	4
09-11 LST	4	1	2	2	1	1	2	1	5	5	2	5	3
12-14 LST	1	0	1	#	1	#	1	#	0	2	2	2	1
15-17 LST	1	0	1	2	#	#	#	1	2	1	2	1	1
18-20 LST	1	1	2	2	1	#	0	2	#	2	1	1	1
21-23 LST	#	#	1	1	0	#	#	#	1	1	1	#	1
ALL HOURS	1	#	1	2	1	1		2	3	2	1	2	2

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	1	0	1	#	2	1	#	#	0
03-05 LST	1	#	1	1	1	2	3	4	4	1	2	#	2
06-08 LST	#	1	1	2	4	6	9	9	10	2	#	1	4
09-11 LST	1	1	1	2	#	1	2	1	4	4	1	1	2
12-14 LST	#	0	#	#	1	#	#	#	0	1	1	1	1
15-17 LST	#	0	1	1	#	#	#	0	#	1	1	1	0
18-20 LST	#	0	#	1	0	#	0	1	#	1	1	#	1
21-23 LST	#	0	#	#	0	#	#	#	#	1	1	0	#
ALL HOURS	#	#	1	1	1	1	2	2	3	2	1	1	1

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	#	0	#	0	#	#	0	0	#
03-05 LST	0	0	#	#	#	0	1	1	1	#	0	0	#
06-08 LST	0	1	#	1	2	1	4	2	5	1	#	#	2
09-11 LST	0	0	#	0	0	#	#	#	1	#	1	0	#
12-14 LST	0	0	#	0	1	#	#	#	0	#	#	#	#
15-17 LST	#	0	#	#	#	#	#	0	#	0	#	#	#
18-20 LST	0	0	#	#	0	#	0	1	0	0	0	0	#
21-23 LST	0	0	0	0	0	#	#	0	#	0	0	0	#
ALL HOURS	#	#	#	#	#	#	1	1	1	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BLAGOVESCHENSK, USSR

LOCATION: 5016N 12731E

PREPARED BY: USAFETAC/ECO, FEB 1990

STATION #: 315100

ELEVATION (FEET): 449

PERIOD: 7301-8812

ICAO: NONE

LST = GMT + 9

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	32	33	60	76	92	102	98	91	86	74	64	33 102
MEAN DAILY MAX	1	-1	8	27	47	63	74	78	73	63	43	20	2 41
MEAN	1	-10	-2	17	38	53	65	69	65	53	34	12	-5 32
MEAN DAILY MIN	1	-17	-11	6	28	42	55	61	56	43	24	3	-12 23
EXTREME MIN	1	-50	-39	-25	-1	22	35	44	38	19	-5	-28	-39 -50
# DAYS GE 90	1	0	0	0	0	0	1	1	0	0	0	0	0
# DAYS LE 32	1	31	28	31	21	3	0	0	0	3	24	30	31 35
# DAYS LE 0	1	30	25	11	0	0	0	0	0	0	14	29	29
2. PRECIPITATION (INCHES)													
MAXIMUM	2	.7	.5	1.9	4.4	3.7	7.7	11.2	11.4	5.6	2.5	.9	.6 *
MEAN	2	.2	.2	.3	.8	1.6	3.7	4.7	4.7	2.6	.8	.4	.2 20.2
MINIMUM	2	0	0	0	0	.3	1.2	.5	.6	.6	0	0	0 *
MAX 24 HR	2	.2	.3	.6	1.0	1.8	2.3	3.7	4.8	2.6	.8	.4	.2 4.8
# DAYS GE 0.1	2	2	2	3	4	6	10	10	11	7	3	2	1 63
MEAN # DAYS													
W/PRECIP	2	10	7	7	11	13	15	17	16	14	7	10	11 138
3. SNOWDEPTH (INCHES)													
MEAN # DAYS													
SNOWDEPTH GE 1	2	31	28	31	28	14	1	0	0	6	28	30	31 227
MEAN # DAYS													
W/SNOW	2	10	6	7	5	1	*	*	*	*	4	9	10 52
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (6 LST)	1	76	76	76	74	72	86	92	92	87	73	76	77 79
RH (15 LST)	1	64	58	49	40	37	51	61	62	51	42	54	65 53
VAPOR PRESS	1	.02	.03	.07	.13	.22	.42	.56	.50	.30	.12	.06	.03 .20
DEWPOINT	1	-15	-8	6	22	34	53	61	57	43	20	3	-11 22
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$NW	\$NW	\$N	\$N	\$S	\$S	\$S	\$N	\$NW	\$NW	\$NW	\$N
MEAN SPEED													
(PVLG DRCTN)	1	8	8	10	10	10	8	7	7	8	10	10	8 9
MEAN SPEED													
(ALL OBS)	1	4	5	6	8	8	6	5	6	6	7	6	4 6
MAX PEAK SPEED	1	27	54	51	49	51	21	39	39	39	60	29	23 60
PRESSURE ALT	1	1000	850	1050	1500	1600	1250	1350	1400	1150	1150	1200	1000 1600
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	2	2	3	4	5	5	5	5	4	4	3	3 4
DAYS TSTMS	1	0	0	0	0	2	6	7	5	2	0	0	0 23
DAYS FOG LT 7	1	5	3	2	1	1	3	6	6	3	1	2	4 37
DAYS BNBD LT 7	1	0	0	0	0	0	0	0	0	0	0	0	0 0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

- SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 88 (3 HRLY)
 2. NATIONAL INTELLIGENCE SURVEY, POR 7-67 YRS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	7	6	11	9	8	13	17	9	9	6	12	11
03-05 LST	10	8	4	12	11	12	21	23	16	9	8	14	12
06-08 LST	10	8	9	19	14	24	34	34	25	8	10	13	17
09-11 LST	18	14	11	17	13	16	26	28	23	10	14	19	18
12-14 LST	13	6	8	18	11	14	19	23	19	11	9	14	14
15-17 LST	13	5	6	18	11	11	16	19	16	12	9	12	12
18-20 LST	13	6	6	14	10	8	11	16	11	9	8	14	11
21-23 LST	10	5	6	12	9	7	13	15	10	9	8	13	10
ALL HOURS	12	7	7	15	11	12	19	22	16	10	9	14	13

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	6	6	7	7	5	9	12	6	6	5	12	7
03-05 LST	10	8	4	9	7	10	17	16	13	7	6	14	10
06-08 LST	10	8	8	15	10	20	31	31	21	6	9	13	15
09-11 LST	18	14	10	14	10	12	23	23	20	8	12	18	15
12-14 LST	13	6	7	12	6	6	11	15	12	6	8	13	10
15-17 LST	13	5	4	9	5	4	8	12	6	8	8	12	8
18-20 LST	13	5	5	10	6	5	7	12	7	7	7	14	8
21-23 LST	10	5	6	10	6	4	7	10	6	6	7	13	8
ALL HOURS	12	7	6	11	7	8	14	16	11	7	8	14	10

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	3	4	5	4	3	5	9	4	3	3	3	4
03-05 LST	1	3	2	6	6	7	14	12	8	4	4	3	6
06-08 LST	2	3	5	8	6	15	25	24	17	4	4	4	10
09-11 LST	2	2	5	8	5	7	17	17	14	5	6	4	8
12-14 LST	2	1	4	6	2	2	5	9	7	3	5	3	4
15-17 LST	1	1	2	4	2	1	2	6	3	4	4	3	3
18-20 LST	2	2	3	6	3	1	3	6	3	3	3	4	3
21-23 LST	1	3	3	7	3	3	3	6	3	4	5	3	4
ALL HOURS	1	2	3	6	4	5	9	11	7	4	4	3	5

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	1	0	1	1	1	1	1	0	1	1
03-05 LST	0	0	1	1	1	2	6	6	4	1	1	1	2
06-08 LST	0	1	1	2	2	8	13	12	8	1	1	1	4
09-11 LST	0	1	1	2	1	1	4	2	4	1	1	0	1
12-14 LST	0	0	0	1	0	0	0	0	0	1	0	0	0
15-17 LST	0	0	1	0	0	0	0	0	0	1	1	0	0
18-20 LST	0	0	1	1	1	0	0	0	0	1	1	1	0
21-23 LST	0	0	0	1	1	0	1	0	0	0	1	1	0
ALL HOURS	0	0	1	1	1	1	3	3	2	1	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BLAGOVESCHENSK, USSR
 LOCATION: 5016N 12731E
 PREPARED BY: USAFETAC/ECO, JAN 1990

STATION #: 315100
 ELEVATION (FEET): 449
 PERIOD: 7301-8812

ICAO:
 LST = GMT + 9

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	2	3	2	#	#	0	0	1
03-05 LST	0	0	#	0	#	2	2	3	1	0	0	0	1
06-08 LST	0	#	0	0	0	1	2	1	#	0	0	0	#
09-11 LST	#	#	0	0	#	#	1	1	#	0	0	0	#
12-14 LST	0	0	0	0	0	2	1	0	0	0	0	0	#
15-17 LST	0	0	0	0	2	3	4	2	2	0	0	0	1
18-20 LST	0	0	0	#	1	4	4	4	1	0	0	0	1
21-23 LST	0	0	0	0	1	2	2	2	2	1	0	0	1
ALL HOURS	#	#	#	#	1	2	2	2	1	#	0	0	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	6	10	13	11	11	10	2	0	0	5
03-05 LST	#	0	0	4	11	14	15	14	10	2	0	0	6
06-08 LST	0	0	0	5	10	10	14	13	9	2	0	0	5
09-11 LST	0	0	1	5	9	9	12	13	10	3	0	0	5
12-14 LST	0	0	#	5	9	10	9	12	10	3	0	#	5
15-17 LST	#	#	#	8	10	12	11	12	10	2	0	0	5
18-20 LST	1	0	0	8	9	14	10	14	11	2	#	#	6
21-23 LST	0	0	0	7	10	11	11	11	11	3	1	0	5
ALL HOURS	#	#	#	6	10	12	11	13	10	2	#	#	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	8	7	5	1	0	0	0	0	5	8	11	5
03-05 LST	11	9	6	8	1	0	0	0	0	5	9	11	5
06-08 LST	11	11	9	6	1	0	0	0	#	5	12	13	7
09-11 LST	9	9	9	8	1	0	#	0	#	5	13	12	6
12-14 LST	9	6	7	7	1	0	0	0	0	6	10	11	5
15-17 LST	9	6	7	4	0	0	0	0	#	5	10	9	4
18-20 LST	11	6	7	5	1	0	0	0	1	5	9	13	5
21-23 LST	10	9	7	4	1	0	0	0	#	5	11	14	5
ALL HOURS	10	8	8	6	1	0	#	0	#	5	10	12	5

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	#	0	0	0	0	#	0	0	#
03-05 LST	0	0	#	1	#	#	0	0	#	#	0	0	#
06-08 LST	0	#	1	1	1	0	0	0	0	#	0	0	#
09-11 LST	1	0	0	1	1	1	#	#	#	1	#	0	#
12-14 LST	0	0	0	2	3	0	#	1	0	2	#	0	1
15-17 LST	0	0	0	3	2	0	0	1	#	2	#	#	1
18-20 LST	0	0	0	1	1	0	#	1	0	1	1	0	#
21-23 LST	0	0	#	1	#	0	0	0	0	#	0	0	#
ALL HOURS	#	#	#	1	1	#	#	#	#	1	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 88 (3 HRLY)
 2. NATIONAL INTELLIGENCE SURVEY, POR 7-67 YRS

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	3	4	5	2	3	5	9	3	2	3	3	3
03-05 LST	1	2	2	6	3	7	12	12	8	4	4	3	5
06-08 LST	2	3	5	7	5	14	24	24	15	4	3	4	9
09-11 LST	2	2	5	7	4	6	14	16	12	5	6	4	7
12-14 LST	2	1	4	5	1	1	3	5	5	3	5	3	3
15-17 LST	1	1	2	4	2	1	2	4	2	3	4	3	2
18-20 LST	2	2	3	5	2	1	2	4	2	2	3	4	3
21-23 LST	1	3	3	6	2	3	3	6	2	3	5	3	3
ALL HOURS	1	2	3	5	3	4	8	10	6	3	4	3	4

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	3	3	4	2	1	4	6	3	2	2	3	3
03-05 LST	1	2	2	5	2	5	10	11	7	3	4	3	5
06-08 LST	2	3	4	4	4	12	21	21	12	2	3	4	8
09-11 LST	2	2	5	5	2	4	8	10	9	4	6	4	5
12-14 LST	2	1	4	2	0	0	2	2	2	3	5	2	2
15-17 LST	1	1	2	2	1	0	1	2	1	2	4	3	2
18-20 LST	2	2	3	4	1	0	1	2	0	2	3	4	2
21-23 LST	1	3	3	6	1	1	1	3	1	2	5	3	2
ALL HOURS	1	2	3	4	2	3	6	7	4	3	4	3	4

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	2	1	1	2	2	1	1	1	2	1
03-05 LST	0	0	2	2	2	3	8	7	4	1	1	1	3
06-08 LST	0	1	2	3	2	9	16	15	8	1	1	1	5
09-11 LST	0	1	3	3	2	2	5	4	5	2	2	1	3
12-14 LST	0	1	1	1	0	0	1	0	0	2	2	1	1
15-17 LST	1	0	2	1	0	0	0	0	0	1	2	1	1
18-20 LST	1	1	2	1	1	0	1	0	0	1	2	1	1
21-23 LST	0	0	1	3	1	1	1	0	0	0	1	1	1
ALL HOURS	0	1	2	2	1	2	4	4	2	1	2	1	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	1	0	0	1	0
03-05 LST	0	0	1	0	1	1	4	3	2	0	1	0	1
06-08 LST	0	0	1	0	1	4	10	6	5	1	1	0	2
09-11 LST	0	0	1	1	1	0	1	1	3	1	0	0	1
12-14 LST	0	0	0	1	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	1	0	0	0	0	1	0	0	0
21-23 LST	0	0	0	0	0	0	1	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	1	2	1	1	0	0	0	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BOKHAN-IN-IRKUT
LOCATION: 53°08'N, 103°47'E
PREPARED BY: USAFETAC/ECR, JUN 1988

STATION #: 306180
ELEVATION (FEET): 1,463
PERIOD: 7301-8612

ICAO ID: NONE
LST = GMT +8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	34	38	57	83	93	99	99	95	86	75	52	41 99
MEAN DLY MAX	1	-2	4	23	40	56	69	70	66	55	36	18	2 36
MEAN	1	-10	-4	13	32	48	61	64	59	47	30	12	-3 29
MEAN DLY MIN	1	-17	-14	0	23	38	51	56	50	37	22	3	-11 20
EXTREME MIN	1	-67	-58	-44	-33	3	21	30	25	5	-27	-42	-60 -67
# DAYS > 90	1	0	0	0	0	1	1	2	0	0	0	0	1
# DAYS < 32	1	31	28	29	25	8	8	8	9	28	30	31	219
# DAYS ≥ 0	1	28	26	15	1	0	0	0	0	1	12	26	109
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	.35	.24	.28	.51	1.02	2.21	2.87	2.68	1.34	.67	.51	.47 13.19
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (05 LST)	1	82	83	84	81	80	86	91	92	91	87	85	84 86
RH (17 LST)	1	74	67	56	44	37	40	54	52	50	55	72	81 57
VAPOR PRESS	1	.03	.03	.06	.12	.18	.31	.42	.37	.24	.13	.07	.04 .17
DEWPOINT	1	-13	-9	5	20	30	45	52	49	38	22	7	-7 20
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$SE	\$SE	\$SE	\$WNW	\$NW	\$WNW	\$NW	\$WNW	\$SE	\$SE	\$ESE	\$SE \$SE
MEAN SPEED													
(PVLG DRCTN)	1	3	3	3	8	9	6	6	6	3	3	3	3 5
MEAN SPEED													
(ALL OBS)	1	3	3	3	5	5	4	3	3	3	3	3	3 3
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT		2100	1700	1850	2450	2500	2400	2710	2150	2110	1940	1850	2220 2710
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER		*	*	*	*	*	*	*	*	*	*	*	*
DAYS TSTMS	1	#	0	0	0	1	2	4	2	#	#	0	0 9
DAYS FOG < 7	1	3	1	0	#	1	2	5	7	4	1	2	3 29
DAYS BNBD < 7	1	0	0	0	#	#	#	0	#	0	#	0	0 1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM > PVLG DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO.)::

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO.)::

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO.)::

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: BOKHAN-IN-IRKUT
LOCATION: 53°08'N, 103°47'E
PREPARED BY: USAFETAC/ECR, JUN 1988

STATION #: 306180
ELEVATION (FEET): 1,463
PERIOD: 7301-8612

ICAO ID: NONE
LST = GMT +8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	1	2	0	#	0	0	0	#
03-05 LST	1	0	0	0	0	0	1	1	0	0	0	0	#
06-08 LST	0	0	0	0	0	0	#	0	#	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	#	1	1	0	#	0	0	#
15-17 LST	0	0	0	0	1	2	2	1	0	0	0	0	0
18-20 LST	0	0	0	0	#	2	3	1	0	0	0	0	0
21-23 LST	0	#	0	0	0	0	0	0	0	0	0	#	0
ALL HOURS	#	0	0	0	#	1	1	#	#	#	0	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	4	8	13	15	12	12	3	0	0	6
03-05 LST	0	0	0	3	10	14	15	12	12	4	0	0	6
06-08 LST	0	0	0	1	9	14	15	16	9	4	1	0	6
09-11 LST	0	0	0	0	0	0	0	20	0	0	0	0	2
12-14 LST	1	0	1	2	7	12	16	12	9	3	0	0	5
15-17 LST	0	0	0	1	8	13	16	7	6	5	1	0	5
18-20 LST	#	0	0	3	5	10	14	8	8	4	1	0	4
21-23 LST	0	#	0	0	0	0	67	100	0	0	0	#	14
ALL HOURS	#	0	#	2	6	9	20	23	7	3	#	#	6

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	11	8	5	2	0	0	0	1	7	13	17	7
03-05 LST	17	12	13	6	3	0	0	1	1	8	17	18	8
06-08 LST	19	14	12	10	3	#	0	0	2	10	15	17	9
09-11 LST	0	0	50	0	0	0	0	0	0	33	0	0	7
12-14 LST	14	10	7	8	4	0	0	0	2	9	17	19	7
15-17 LST	16	6	7	8	2	0	0	0	3	6	14	17	7
18-20 LST	13	7	4	3	1	0	0	0	0	8	12	14	5
21-23 LST	0	#	0	0	0	0	0	0	0	0	33	#	3
ALL HOURS	12	7	13	5	2	#	0	#	1	10	15	13	6

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	#	#	0	0	0	#	0	#	#
03-05 LST	0	0	0	0	1	0	0	0	0	0	0	0	#
06-08 LST	1	0	#	#	#	0	0	0	0	0	#	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	1	#	0	0	#	0	#	0	0	#
15-17 LST	0	0	0	0	0	0	2	0	0	0	0	0	#
18-20 LST	0	0	#	#	#	#	1	#	0	0	#	0	#
21-23 LST	0	#	0	0	0	0	0	0	0	0	0	#	0
ALL HOURS	#	0	#	#	#	#	#	#	0	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BOLOGOYE, USSR
 LOCATION: 5754N 3404E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 262980
 ELEVATION (FEET): 584
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT + 3

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	36	36	54	72	82	82	86	84	76	64	50	40	86
MEAN DAILY MAX	20	21	34	46	60	65	69	66	55	43	33	24	45
MEAN	15	16	28	39	53	59	62	59	49	39	30	20	39
MEAN DAILY MIN	10	9	20	31	43	50	53	50	42	34	26	15	32
EXTREME MIN	-20	-25	-10	18	28	34	42	34	26	14	01	-20	-25
# DAYS GE 90	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 32	31	28	28	18	3	0	0	0	3	13	23	29	176
# DAYS LE 0	8	8	1	0	0	0	0	0	0	0	0	4	21
2. PRECIPITATION (INCHES)													
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MINIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	16	12	11	8	7	8	8	7	9	12	15	18	131
# DAYS GE 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	14	11	8	3	0	0	0	0	0	2	9	14	61
# DAYS GE 1.5	#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (3 LST)	81	87	91	92	81	87	91	92	91	89	89	87	86
RH (15 LST)	80	73	65	57	50	57	61	62	68	76	84	84	68
VAPOR PRESS	.09	.08	.12	.18	.27	.36	.43	.41	.30	.21	.15	.11	.23
DEWPOINT	12	11	20	30	40	49	54	52	44	35	26	17	33
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	SSE	\$WSW	SE	\$SSE	\$E	\$W	\$W	\$W	\$WSW	W	S	SSE	\$W
MEAN SPEED													
(PVLG DRCTN)	7	6	6	6	6	6	5	5	6	7	7	7	6
MEAN SPEED													
(ALL OBS)	6	5	5	5	5	5	4	4	5	6	6	6	5
MAX PEAK GUST	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	2000	1750	1450	1500	1200	1350	1450	1550	1450	1400	1600	2050	2050
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	6	6	5	5	5	5	5	5	6	6	7	7	6
DAYS TSTMS	#	#	#	1	4	6	7	5	1	#	#	#	24
DAYS FOG LT 7	13	13	15	13	12	17	24	27	24	22	20	16	216
DAYS BNBD LT 7	0	#	0	#	0	#	0	0	#	#	0	#	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM GT PVLGN DRCTN
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC86, THREE HOURLY
 2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	52	42	39	30	22	23	26	28	41	53	71	67	41
06-08 LST	52	45	43	34	27	27	32	35	56	61	75	70	46
09-11 LST	56	51	46	35	26	28	33	33	54	64	75	68	47
12-14 LST	50	39	39	38	29	32	36	33	50	66	73	62	46
15-17 LST	47	38	39	33	26	30	27	27	40	59	70	62	41
18-20 LST	49	40	35	31	23	23	22	24	37	55	72	64	40
21-23 LST	49	39	35	26	19	21	21	21	35	52	72	64	38
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	39	33	25	21	13	13	16	20	31	37	55	53	30
06-08 LST	41	35	29	26	18	15	23	26	41	44	61	56	34
09-11 LST	46	43	34	27	15	16	22	22	40	45	57	55	35
12-14 LST	40	32	28	22	12	10	14	14	29	46	57	52	30
15-17 LST	35	28	19	14	7	8	9	10	15	33	52	48	23
18-20 LST	37	32	20	16	8	7	6	9	16	34	55	48	24
21-23 LST	36	29	19	16	9	8	10	11	21	36	53	49	25
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	15	15	11	9	4	4	6	7	10	13	24	24	12
06-08 LST	12	15	11	9	8	6	10	14	15	13	22	22	13
09-11 LST	14	24	18	12	6	3	8	9	16	18	25	24	15
12-14 LST	21	21	12	7	4	2	3	4	9	17	34	30	14
15-17 LST	16	16	7	4	2	2	3	2	3	11	27	26	10
18-20 LST	13	16	8	4	2	1	1	2	2	12	21	18	8
21-23 LST	11	12	7	5	2	2	2	2	4	10	21	21	8
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

% FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
3-05 LST	1	2	2	3	#	2	3	3	4	2	2	3	2
6-08 LST	1	3	3	4	2	2	4	8	8	4	3	3	4
09-11 LST	1	5	3	4	1	#	1	2	6	6	4	2	3
12-14 LST	1	1	0	1	0	0	0	#	1	2	3	1	1
15-17 LST	#	#	0	#	0	#	0	0	#	#	1	1	#
18-20 LST	0	#	0	#	#	0	#	0	#	1	2	1	1
21-23 LST	#	1	1	1	1	0	#	#	1	1	3	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BOLOGOYE, USSR

LOCATION: 5754N 3404E

PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 262980

ELEVATION (FEET): 584

PERIOD: 7301-8612

ICAO: N/A

LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	#	0	#	1	#	1	0	0	0	0	#
06-08 LST	0	0	#	0	1	1	0	1	0	0	#	0	#
09-11 LST	#	0	0	0	0	#	1	1	#	0	0	#	#
12-14 LST	#	0	0	0	#	1	1	1	#	0	0	#	#
15-17 LST	#	0	0	#	3	4	5	2	1	0	0	0	1
18-20 LST	0	0	0	0	1	3	5	3	1	0	0	0	1
21-23 LST	#	#	#	#	2	1	2	2	#	#	#	0	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	5	3	5	11	9	7	9	10	13	14	14	10	9
06-08 LST	3	2	5	9	8	7	9	8	16	16	14	8	9
09-11 LST	4	3	8	11	9	9	12	7	14	17	16	11	10
12-14 LST	3	2	9	11	8	11	9	8	13	15	16	10	9
15-17 LST	4	2	8	12	12	13	11	10	13	16	12	10	10
18-20 LST	3	4	8	11	10	11	11	12	14	19	15	9	10
21-23 LST	4	4	7	11	9	8	8	9	12	18	13	9	9
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	36	28	18	9	2	0	0	#	1	6	26	34	13
06-08 LST	32	28	19	9	1	#	0	#	1	6	22	33	13
09-11 LST	32	32	25	10	1	#	0	0	1	7	22	32	13
12-14 LST	39	33	19	9	1	#	0	0	1	5	24	35	14
15-17 LST	31	29	15	8	2	0	0	0	#	5	22	37	12
18-20 LST	30	27	18	8	1	0	0	#	#	3	24	34	12
21-23 LST	32	24	17	7	1	0	0	0	#	7	20	33	12
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	0	0	#	0	0	0	0	0	#	0	#	#
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	#	0	0	0	0	0	0	0	#	0	#	0	#
15-17 LST	0	0	0	#	#	0	0	0	#	#	0	#	#
18-20 LST	0	#	#	0	#	0	#	0	0	0	0	0	#
21-23 LST	#	0	0	0	#	0	0	#	#	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	12	13	10	9	3	3	6	7	9	12	20	19	10
06-08 LST	11	14	11	9	7	4	8	12	14	12	20	19	12
09-11 LST	11	20	17	10	4	1	5	7	13	16	21	19	12
12-14 LST	15	15	9	6	2	1	2	2	5	11	26	23	10
15-17 LST	10	14	5	3	1	1	1	1	2	6	22	20	7
18-20 LST	11	12	7	3	2	0	#	1	2	11	19	15	7
21-23 LST	10	10	7	5	2	1	1	2	3	9	18	18	7
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	8	6	8	7	2	3	4	5	6	8	12	10	7
06-08 LST	7	6	8	8	6	3	6	11	12	9	12	9	8
09-11 LST	7	13	13	8	3	1	3	5	11	13	15	11	9
12-14 LST	10	10	6	4	1	#	1	1	4	9	20	14	7
15-17 LST	8	9	4	3	1	1	#	1	1	5	14	13	5
18-20 LST	8	7	6	2	1	#	#	#	1	8	12	8	5
21-23 LST	7	4	6	4	1	1	1	1	2	6	11	8	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	5	7		1	2	3	4	6	6	8	7	5
06-08 LST	5	5	7	3	5	3	6	10	11	7	8	6	7
09-11 LST	5	10	9	7	3	1	3	4	9	11	12	9	7
12-14 LST	9	6	4	4	1	#	#	1	3	8	15	11	5
15-17 LST	7	7	3	3	#	1	#	#	1	4	10	10	4
18-20 LST	7	4	5	2	1	0	#	0	1	7	7	5	3
21-23 LST	5	3	4	3	1	1	0	#	1	5	7	5	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	1	1	1	#	2	1	1	3	2	1	2	1
06-08 LST	#	1	2	2	1	1	1	4	3	2	2	1	2
09-11 LST	#	2	2	2	#	0	1	1	3	2	2	1	1
12-14 LST	#	1	#	1	0	0	0	#	#	0	#	#	#
15-17 LST	0	0	0	0	0	0	0	0	#	0	#	#	#
18-20 LST	0	0	0	0	#	0	#	0	#	1	#	#	#
21-23 LST	0	#	1	#	#	0	#	#	1	#	1	1	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BOYANDAY-IN-IRKUT
LOCATION: 53°06'N, 105°33'E
PREPARED BY: USAFETAC/ECR, JUN 1988

STATION #: 306270
ELEVATION (FEET): 2,497
PERIOD: 7301-8612

ICAO ID: NONE
LST = GMT +8

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	40	45	55	86	93	97	93	94	82	76	52	42	97
MEAN DLY MAX	1	-1	5	22	39	55	68	70	65	55	36	18	4	36
MEAN	1	-8	-2	14	31	46	59	61	56	46	28	12	-2	28
MEAN DLY MIN	1	-14	-9	4	21	35	48	52	47	35	19	4	-8	20
EXTREME MIN	1	-61	-47	-25	-29	-21	18	32	25	7	-27	-51	-54	-61
# DAYS > 90	1	0	0	0	0	#	1	#	#	0	0	0	0	1
# DAYS < 32	1	31	28	31	28	12	#	#	1	11	29	30	31	231
# DAYS ≥ 0	1	28	23	12	1	#	0	0	0	0	2	11	23	98
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	.24	.16	.20	.39	.79	2.32	3.27	2.95	1.34	.43	.35	.32	12.76
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	2	10	7	6	7	9	13	13	13	10	8	10	11	117
# DAYS ≥ 0.5	2	0	0	0	#	#	2	3	2	1	#	#	0	8
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)														
RH (05 LST)	1	83	80	73	67	68	78	87	90	85	80	82	85	80
RH (17 LST)	1	79	67	56	45	40	48	60	62	56	57	74	83	61
VAPOR PRESS	1	.03	.03	.06	.10	.17	.31	.41	.36	.23	.12	.07	.04	.16
DEWPOINT	1	-11	-7	4	16	28	44	52	48	36	19	6	-5	19
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$NNE	\$NNE	\$N	\$W	\$W	\$N	\$N	\$N	\$N	\$NNE	\$NNE	\$NNE	\$NNE
MEAN SPEED														
(PVLG DRCTN)	1	5	5	5	6	6	4	4	4	5	4	5	5	5
MEAN SPEED														
(ALL OBS)	1	4	4	4	5	5	4	3	3	3	4	3	4	4
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	3450	3200	3280	3250	3350	3400	3260	3450	2950	2990	3430	3120	3450
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER		*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS TSMS	1	0	#	0	#	1	4	6	4	2	0	#	0	18
DAYS FOG < 7	1	5	4	2	#	2	3	8	10	7	3	5	8	57
DAYS BNBD < 7	1	0	0	#	#	#	#	#	0	#	0	0	0	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM > PVLG DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	5	4	12	20	26	30	24	25	19	17	14	17
03-05 LST	8	5	6	18	23	26	35	39	30	22	20	17	21
06-08 LST	9	12	11	19	23	28	41	47	40	28	26	16	25
09-11 LST	20	17	14	28	36	36	47	43	37	30	27	26	30
12-14 LST	15	16	17	38	47	46	56	52	46	31	26	22	34
15-17 LST	12	11	13	37	45	44	51	46	43	29	24	20	31
18-20 LST	10	7	7	20	28	32	39	32	32	21	17	15	22
21-23 LST	8	5	5	13	22	26	31	24	23	19	18	15	17
ALL HOURS	11	10	10	23	30	33	41	38	35	25	22	18	25

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	2	3	3	5	8	7	6	5	6	10	6
03-05 LST	7	5	2	3	5	7	16	16	10	6	7	13	8
06-08 LST	8	9	9	4	5	8	22	29	21	12	11	12	13
09-11 LST	18	16	9	5	2	3	12	12	10	11	15	23	11
12-14 LST	14	13	6	5	3	3	7	5	4	5	11	17	8
15-17 LST	11	9	5	2	3	3	4	4	3	5	10	16	6
18-20 LST	9	6	3	1	2	2	4	4	4	4	7	12	4
21-23 LST	7	5	3	2	2	2	5	4	2	4	7	12	4
ALL HOURS	10	8	5	3	3	4	10	10	7	7	9	14	8

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	1	3	3	4	6	5	5	4	3	5	4
03-05 LST	4	4	2	2	3	5	12	12	9	4	5	8	6
06-08 LST	4	5	4	3	4	6	16	23	18	8	8	7	9
09-11 LST	7	6	2	3	1	1	5	7	6	7	9	11	5
12-14 LST	7	5	2	3	1	#	3	2	1	3	6	6	3
15-17 LST	6	3	2	1	1	1	2	1	1	3	6	6	3
18-20 LST	5	3	1	1	1	1	2	2	2	3	4	5	2
21-23 LST	4	3	2	1	1	1	4	3	2	3	4	7	3
ALL HOURS	5	4	2	2	2	2	6	7	6	4	6	7	4

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	1	1	3	4	5	4	3	1	2	2
03-05 LST	1	1	#	1	3	5	9	10	8	3	2	4	4
06-08 LST	1	1	2	2	2	4	9	19	15	5	4	1	5
09-11 LST	#	1	0	1	#	0	2	4	4	2	3	1	1
12-14 LST	1	0	#	#	0	#	1	1	#	#	1	#	#
15-17 LST	#	1		0	#	1	1	1	1	1	2	0	1
18-20 LST	#	1		0	0	#	1	1	2	1	1	1	1
21-23 LST	#	1	1	1	#	#	1	3	2	1	1	2	1
ALL HOURS	1	1	1	1	1	2	3	6	4	2	2	2	2

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: BOYANDAY-IN-IRKUT
LOCATION: 53°06'N, 105°33'E
PREPARED BY: USAFETAC/ECR, JUN 1988

STATION #: 306270
ELEVATION (FEET): 2,497
PERIOD: 7301-8612

ICAO ID: NONE
LST - GMT +8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	1	1	#	0	0	0	#
03-05 LST	0	0	0	0	#	1	1	1	#	0	#	0	#
06-08 LST	0	0	0	#	0	#	2	1	0	0	0	0	#
09-11 LST	0	0	0	0	0	1	#	#	0	0	0	0	#
12-14 LST	0	#	0	0	#	5	5	2	1	0	#	0	1
15-17 LST	0	0	0	0	1	5	5	3	1	0	0	0	1
18-20 LST	0	0	0	0	0	2	4	2	#	0	0	0	1
21-23 LST	0	0	0	0	#	1	1	2	0	0	0	0	#
ALL HOURS	0	#	0	#	#	2	2	1	#	0	#	0	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	2	6	9	11	10	9	1	#	0	4
03-05 LST	#	0	0	1	4	9	9	9	8	2	0	0	4
06-08 LST	#	#	0	1	5	9	14	9	9	2	1	#	4
09-11 LST	0	0	0	1	4	10	13	11	7	2	1	#	4
12-14 LST	0	1	#	1	7	14	15	14	9	3	#	#	5
15-17 LST	0	0	0	1	5	12	12	11	10	4	#	1	5
18-20 LST	0	#	0	1	4	9	11	10	5	3	0	#	4
21-23 LST	0	#	0	2	6	10	10	9	7	3	0	0	4
ALL HOURS	#	#	#	1	5	10	12	10	8	2	#	#	4

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	11	6	5	4	1	0	0	1	7	16	13	6
03-05 LST	17	13	7	6	3	0	0	0	1	10	16	16	7
06-08 LST	18	14	10	10	5	#	0	0	2	11	15	17	9
09-11 LST	17	16	10	11	9	0	0	#	2	13	19	19	10
12-14 LST	16	14	15	14	9	0	0	0	1	13	21	16	10
15-17 LST	12	11	13	15	7	0	0	0	1	11	17	14	9
18-20 LST	11	9	6	8	3	#	0	0	1	8	12	13	6
21-23 LST	14	8	6	6	3	0	0	0	#	7	13	17	6
ALL HOURS	15	12	9	9	5	#	0	#	1	10	16	16	8

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	#	0	0	0	0	#	0	0	0	0	#
03-05 LST	0	0	#	0	1	#	0	0	0	#	#	#	#
06-08 LST	0	0	0	0	1	1	0	0	0	0	#	0	#
09-11 LST	0	0	#	#	0	#	#	1	0	0	1	0	#
12-14 LST	0	0	0	1	0	#	0	#	0	#	0	0	#
15-17 LST	#	#	#	0	#	1	0	#	#	0	#	0	#
18-20 LST	#	0	#	#	#	#	0	0	0	0	#	0	#
21-23 LST	0	#	0	0	#	0	0	#	0	0	#	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	1	3	2	4	6	5	5	4	3	5	4
03-05 LST	4	4	2	2	3	5	12	12	9	4	5	8	6
06-08 LST	4	5	4	3	4	6	16	23	18	8	8	7	9
09-11 LST	7	6	2	3	1	1	5	7	6	7	9	11	5
12-14 LST	7	5	2	3	1	#	3	2	1	2	6	6	3
15-17 LST	6	3	2	1	1	1	2	1	1	3	6	6	3
18-20 LST	5	3	1	1	1	1	2	2	2	3	4	5	2
21-23 LST	4	3	2	1	1	1	4	3	2	3	4	7	3
ALL HOURS	5	4	2	2	2	2	6	7	6	4	6	7	4

6. % FREQ OF CIG/VIS < 500/1.5 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	1	2	2	4	6	5	5	4	3	5	4
03-05 LST	4	3	1	2	3	5	12	12	9	4	5	7	6
06-08 LST	4	5	4	3	4	5	16	23	18	8	8	6	9
09-11 LST	7	6	2	3	1	1	5	7	5	7	9	11	5
12-14 LST	7	5	2	3	#	#	3	1	1	2	6	6	3
15-17 LST	6	3	2	1	1	1	2	1	1	3	6	6	3
18-20 LST	4	3	1	1	1	1	2	2	2	3	4	4	2
21-23 LST	3	3	2	1	1	1	4	3	2	3	3	6	2
ALL HOURS	5	4	2	2	2	2	6	7	5	4	5	6	4

7. % FREQ OF CIG/VIS < 300/1 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	1	1	3	4	5	4	3	1	2	2
03-05 LST	1	1	1	1	3	5	10	10	8	3	2	4	4
06-08 LST	1	1	3	2	2	4	10	20	16	5	4	3	6
09-11 LST	1	1	#	1	#	#	2	5	4	4	5	2	2
12-14 LST	1	0	#	1	0	#	1	1	1	1	1	1	1
15-17 LST	#	1	1	#	#	1	1	1	1	1	3	1	1
18-20 LST	1	1	#	0	0	#	1	1	2	1	1	2	1
21-23 LST	1	1	1	1	#	1	1	3	2	1	1	2	1
ALL HOURS	1	1	1	1	1	2	4	6	5	3	2	2	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST		1	0	1	0	2	2	4	3	2	#	1	1
03-05 LST		1	0	0	1	3	6	7	5	3	1	1	2
06-08 LST		#	0	1	1	1	6	12	8	2	2	1	3
09-11 LST	#	#	0	0	0	0	1	4	3	1	1	0	1
12-14 LST	0	0	0	#	0	#	0	1	#	#	#	#	#
15-17 LST	0	#	0	0	#	1	0	#	1	#	1	#	#
18-20 LST	0	1	0	0	0	0	0	1	2	1	0	#	1
21-23 LST	0	1	#	0	0	#	1	2	2	1	0	1	1
ALL HOURS	#	#	#	#	#	1	2	4	3	1	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BRATSK-IM-IRKUT, USSR
LOCATION: 5618N 10143E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 303090
ELEVATION (FEET): 1070
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	1	32	38	44	62	80	92	92	88	76	60	46	34	92
MEAN DAILY MAX	1	0	6	22	37	52	68	71	64	53	33	19	6	36
MEAN	1	-5	0	15	30	44	60	63	57	46	28	15	1	30
MEAN DAILY MIN	1	-10	-7	6	22	36	50	55	49	38	21	8	-4	22
EXTREME MIN	1	-44	-36	-26	-12	12	32	36	30	22	-16	-34	-44	-44
# DAYS GE 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 32	1	31	28	31	27	12	0	0	7	28	30	31	225	
# DAYS LE 0	1	24	20	10	1	0	0	0	0	1	7	18	81	
2. PRECIPITATION (INCHES)														
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	0.4	0.3	0.2	0.4	1.0	1.8	2.4	2.4	1.2	0.7	0.6	0.5	11.9
MINIMUM		0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 0.004	1	15	12	12	10	9	7	7	9	7	14	17	17	136
# DAYS GE 0.5		0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)														
MEAN		0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS SNOWFALL	1	13	10	9	4	1	0	0	0	0	7	12	14	70
# DAYS GE 1.5		0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)														
RH (5 LST)	1	82	80	77	69	70	73	82	88	86	83	81	81	79
RH (17 LST)	1	79	69	55	48	44	43	53	59	57	66	75	79	61
VAPOR PRESS	1	.04	.04	.06	.10	.17	.30	.40	.36	.24	.12	.08	.05	.16
DEWPOINT	1	-8	-5	5	17	28	43	51	49	37	20	9	-2	20
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	W	W	W	W	W	W	W	W	W	W	W	W	W
MEAN SPEED														
(PVLG DRCTN)	1	8	9	9	10	10	8	7	8	8	9	9	9	9
MEAN SPEED														
(ALL OBS)	1	5	6	7	8	8	6	5	5	6	7	7	6	6
MAX PEAK GUST		0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	1910	1750	1860	2130	2070	1960	2090	2120	1910	2060	1740	1900	2130
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	5	6	6	6	5	5	5	6	7	6	6	6
DAYS TSTMS	1	0	0	0	0	2	5	6	4	1	0	0	0	18
DAYS FOG LT 7	1	17	14	6	1	3	3	6	8	6	4	8	12	88
DAYS BNBD LT 7	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = \$ CALM GT PVLGN DRCTN
 † = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2. WORLD CLIMATIC DATA, 10 YEAR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	92	90	89	88	88	87	94	92	88	94	95	94	91
03-05 LST	92	91	91	87	44	14	34	86	89	93	94	94	76
06-08 LST	93	90	42	25	25	15	25	31	34	48	91	94	51
09-11 LST	69	52	33	30	30	18	25	31	33	40	52	58	39
12-14 LST	53	39	32	28	24	16	22	24	27	46	48	49	34
15-17 LST	54	32	23	22	18	10	15	17	18	38	52	75	31
18-20 LST	93	90	68	18	13	7	13	12	52	90	95	93	54
21-23 LST	92	90	89	85	86	66	80	87	87	92	94	94	87
ALL HOURS	80	72	58	48	41	29	39	48	53	68	77	81	58

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	92	90	88	86	87	86	93	91	87	93	93	94	90
03-05 LST	91	91	89	85	37	11	32	85	88	90	94	93	74
06-08 LST	92	90	40	18	18	12	23	28	27	38	90	94	48
09-11 LST	66	52	27	15	14	10	21	22	22	30	46	56	32
12-14 LST	51	36	21	13	10	7	12	13	12	25	38	47	24
15-17 LST	53	30	14	9	7	5	9	9	10	20	45	73	24
18-20 LST	92	89	68	12	6	3	9	10	49	89	92	93	51
21-23 LST	91	90	88	85	85	65	80	87	86	91	92	93	86
ALL HOURS	79	71	55	40	33	25	35	43	48	60	74	80	53

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	14	6	6	6	7	12	11	11	13	17	22	12
03-05 LST	21	18	10	8	9	6	12	19	12	15	21	22	15
06-08 LST	22	21	13	10	10	6	15	19	19	15	19	19	16
09-11 LST	26	17	5	6	8	5	10	13	14	14	18	21	13
12-14 LST	15	6	6	6	5	3	5	8	7	10	12	12	8
15-17 LST	11	5	3	4	3	2	4	4	5	9	13	13	6
18-20 LST	15	7	3	5	2	1	4	6	7	13	14	16	8
21-23 LST	16	10	5	4	6	7	8	8	7	10	15	19	10
ALL HOURS	18	12	6	6	6	5	9	11	10	12	16	18	11

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	6	1	#	2	1	1	3	3	1	4	6	3
03-05 LST	9	7	2	1	4	1	3	7	4	3	4	6	4
06-08 LST	9	10	6	1	3	1	2	4	7	3	4	5	5
09-11 LST	9	3	#	0	2	1	1	2	2	2	2	4	2
12-14 LST	2	0	1	1	1	#	#	1	1	1	1	2	1
15-17 LST	2	1	1	1	1	1	#	#	#	1	1	3	1
18-20 LST	5	2	#	#	#	#	#	1	#	1	2	5	1
21-23 LST	6	4	1	0	1	#	1	#	#	1	2	6	2
ALL HOURS	6	4	1	1	2	1	1	2	2	2	3	5	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: BRATSK-IN-IRKUT, USSR
LOCATION: 5618N 10143E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 303090
ELEVATION (FEET): 1070
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	1	1	1	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	1	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	2	1	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	2	3	1	0	0	0	0	1
15-17 LST	0	0	0	0	0	1	4	2	0	0	0	0	1
18-20 LST	0	0	0	0	0	2	2	1	0	0	0	0	1
21-23 LST	0	0	0	0	0	2	2	2	1	0	0	0	1
ALL HOURS	0	0	0	0	0	1	2	1	0	0	0	0	0

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	2	6	5	7	8	10	3	1	0	4
03-05 LST	0	1	0	2	8	6	6	11	8	3	1	0	4
06-08 LST	0	0	0	2	6	7	8	10	7	4	1	0	4
09-11 LST	0	1	0	3	8	8	9	10	8	4	1	0	4
12-14 LST	0	1	0	2	11	11	10	12	11	4	0	0	5
15-17 LST	0	0	1	4	10	8	10	12	8	4	0	0	5
18-20 LST	0	0	0	2	9	8	8	9	9	4	0	0	4
21-23 LST	0	0	0	3	6	9	7	9	9	3	0	0	4
ALL HOURS	0	0	0	3	8	8	8	10	9	4	0	0	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	28	21	11	4	0	0	0	2	23	37	38	17
03-05 LST	34	28	26	16	5	0	0	0	1	21	36	35	17
06-08 LST	34	25	28	18	7	0	0	0	1	24	37	38	18
09-11 LST	35	25	31	21	9	0	0	0	2	27	40	43	19
12-14 LST	35	26	29	18	8	0	0	0	3	30	38	38	19
15-17 LST	31	25	24	14	6	0	0	0	2	26	35	30	16
18-20 LST	29	22	16	9	3	0	0	0	1	19	36	35	14
21-23 LST	33	26	20	10	3	0	0	0	1	22	36	40	16
ALL HOURS	33	26	24	15	5	0	0	0	2	24	37	37	17

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	1	0	0	1	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	1	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	1	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	1	0	0	0	0	0	0	0	0

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT : HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	13	6	5	5	6	11	9	10	11	15	21	11
03-05 LST	20	18	9	7	9	5	11	18	11	13	18	21	13
06-08 LST	21	21	11	8	9	6	14	17	18	12	15	18	14
09-11 LST	26	17	5	5	8	3	9	10	12	11	15	18	12
12-14 LST	14	5	6	5	4	2	4	6	4	8	10	12	7
15-17 LST	11	4	3	4	3	2	4	2	4	6	11	12	6
18-20 LST	15	7	3	3	2	1	4	5	5	11	11	16	7
21-23 LST	16	9	5	4	5	5	7	7	5	9	13	18	9
ALL HOURS	18	12	6	5	6	4	8	9	9	10	14	17	10

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	13	6	5	4	5	9	8	7	9	14	19	10
03-05 LST	19	18	9	5	7	4	9	16	10	12	15	19	12
06-08 LST	21	20	11	7	8	5	11	14	16	8	13	16	13
09-11 LST	25	17	5	5	6	2	7	7	9	8	13	17	10
12-14 LST	14	5	5	4	4	1	4	4	4	7	8	11	6
15-17 LST	11	4	3	3	3	1	3	2	2	5	9	12	5
18-20 LST	14	7	3	3	1	1	3	4	4	9	9	15	6
21-23 LST	15	9	4	4	5	5	7	6	4	8	11	16	8
ALL HOURS	17	12	6	4	5	3	7	8	7	8	11	16	9

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	7	2	1	2	1	3	5	3	3	7	9	4
03-05 LST	11	10	4	2	5	2	6	10	6	5	6	9	6
06-08 LST	12	12	8	3	5	2	5	8	11	5	6	9	7
09-11 LST	15	7	1	2	4	1	4	3	5	4	5	8	5
12-14 LST	7	1	2	2	2	#	1	1	1	3	4	5	3
15-17 LST	3	2	2	2	2	1	1	1	1	3	3	6	2
18-20 LST	6	4	1	2	#	#	1	2	#	3	3	7	2
21-23 LST	8	6	1	1	2	1	2	1	1	2	2	7	3
ALL HOURS	9	6	3	2	3	1	3	4	4	4	5	8	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	5	1	#	1	#	#	1	1	1	3	4	2
03-05 LST	7	6	1	#	3	1	3	3	2	1	3	4	3
06-08 LST	6	8	5	1	1	#	1	3	5	2	2	4	3
09-11 LST	5	2	#	0	#	1	1	#	2	1	1	3	1
12-14 LST	1	0	#	0	0	0	0	1	1	#	1	1	#
15-17 LST	1	1	#	#	1	0	#	0	#	#	#	2	1
18-20 LST	3	2	0	#	#	#	#	#	#	1	1	4	1
21-23 LST	5	4	0	0	1	#	0	0	#	1	1	4	1
ALL HOURS	4	3	1	#	1	#	1	1	1	1	2	3	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAPE BOLVANSKY, USSR
LOCATION: 7027N 5905E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 209460
ELEVATION (FEET): 43
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	43	45	50	54	61	83	83	79	61	60	57	83	
MEAN DAILY MAX	1	6	3	10	16	26	36	43	44	41	31	23	25	
MEAN	1	1	-1	5	11	23	33	40	41	38	29	19	21	
MEAN DAILY MIN	1	-4	-6	0	5	18	30	37	38	36	25	15	17	
EXTREME MIN	1	-48	-53	-32	-48	-17	-5	25	25	25	1	-19	-53	
# DAYS GE 90	1	0	0	0	0	0	0	0	0	0	0	0	0	
# DAYS LE 32	1	31	28	31	30	30	22	7	6	7	26	30	279	
# DAYS LE 0	1	20	19	18	13	1	0	0	0	0	4	12	87	
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	
MEAN	2	0.2	0.1	0.2	0.2	0.4	0.6	1.1	1.5	1.5	1.2	0.5	7.8	
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS GE 0.004		*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS GE 0.1		*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (3 LST)	1	86	84	83	86	88	92	92	94	91	87	87	88	
RH (15 LST)	1	85	83	82	82	83	87	87	88	87	86	87	85	
VAPOR PRESS	1	.05	.05	.06	.07	.11	.17	.23	.24	.21	.14	.10	.13	
DEWPOINT	1	-2	-4	1	7	19	30	37	39	35	25	16	18	
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLC DRCTN	1	SSW	SSW	SW	W	W	W	E	E	W	SSW	SSW	SSW	E
MEAN SPEED														
(PVLC DRCTN)	1	18	21	19	13	13	12	9	12	15	15	15	20	15
MEAN SPEED														
(ALL OBS)	1	14	15	14	13	13	11	10	12	14	15	15	16	14
MAX PEAK GUST	1	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	1230	1210	1100	1160	800	850	950	1000	1150	1100	1400	1350	1400
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	5	5	6	6	5	6	7	6	6	6	6
DAYS TSMS	1	0	0	0	0	0	0	0	0	0	0	0	0	1
DAYS FOG LT 7	1	4	4	4	6	8	15	17	18	11	4	3	2	95
DAYS BNBD LT 7	1	0	0	0	0	0	0	0	0	0	0	0	0	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE § = % CALM GT PVLGN DRCTN
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73 - DEC 86, 3 HOURLY
 2. NIS 26, Vaygach, 8 year FOR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	100	50	50	*	100	50	*	50	*	100	0	42
03-05 LST	29	36	32	42	57	60	45	66	60	59	59	42	49
06-08 LST	31	38	38	34	58	57	46	68	69	72	64	46	52
09-11 LST	36	41	37	32	52	59	46	66	62	68	67	48	51
12-14 LST	38	34	35	30	53	57	46	61	63	68	67	52	50
15-17 LST	37	34	34	33	56	55	46	59	64	68	68	49	50
18-20 LST	31	30	34	33	57	52	47	57	63	63	65	42	48
21-23 LST	27	30	35	38	55	59	45	61	63	60	63	44	48
ALL HOURS	29	43	37	37	49	62	46	55	62	57	69	40	49

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	67	50	25	*	0	0	*	50	*	0	0	16
03-05 LST	25	30	25	33	44	53	40	56	46	34	42	33	39
06-08 LST	27	34	34	28	46	46	42	56	53	46	44	38	41
09-11 LST	29	37	33	26	42	47	39	56	44	44	50	35	40
12-14 LST	35	30	29	24	40	43	39	49	47	41	51	40	39
15-17 LST	29	31	29	26	40	44	37	47	44	44	46	35	38
18-20 LST	23	24	26	26	40	41	38	46	43	35	43	31	35
21-23 LST	22	26	28	27	41	49	39	48	41	35	43	33	36
ALL HOURS	24	35	32	27	37	40	34	45	46	35	40	31	35

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	67	0	0	*	0	0	*	0	*	0	0	6
03-05 LST	13	18	11	18	23	33	31	38	24	11	13	17	21
06-08 LST	14	19	21	17	27	26	32	38	30	17	16	17	23
09-11 LST	15	23	22	13	22	29	28	33	26	18	19	16	22
12-14 LST	24	21	19	13	17	27	28	28	23	15	26	21	22
15-17 LST	17	21	18	14	15	28	27	26	21	14	19	18	20
18-20 LST	11	16	16	16	17	24	27	29	23	14	19	15	19
21-23 LST	11	16	14	14	21	32	32	32	22	14	17	15	20
ALL HOURS	13	25	15	13	18	25	26	28	21	13	16	15	19

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	33	0	0	*	0	0	*	0	*	0	0	3
03-05 LST	3	6	1	4	7	16	24	26	15	2	2	1	9
06-08 LST	3	5	4	5	9	13	22	25	16	3	1	1	9
09-11 LST	3	6	4	2	5	12	16	21	12	3	2	#	7
12-14 LST	5	6	4	1	3	11	15	17	11	4	5	2	7
15-17 LST	3	6	3	1	4	12	16	16	9	3	3	3	7
18-20 LST	3	5	3	3	3	13	18	18	12	3	2	2	7
21-23 LST	3	4	3	2	5	17	21	22	12	2	1	3	8
ALL HOURS	3	9	3	2	4	12	17	18	11	2	2	2	7

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAPE BOLVANSKY, USSR
LOCATION: 7027N 5905E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 209460
ELEVATION (FEET): 43
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	1	0	0	0	0	0	0	0	0	0	0	1
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	1	0	0	0	0	0	0	0	0	0	0	2

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	0	1	2	8	8	10	13	5	1	0	4
03-05 LST	1	0	0	0	2	5	9	10	12	6	1	0	4
06-08 LST	1	1	1	0	1	6	8	12	14	5	1	0	4
09-11 LST	0	0	0	0	2	8	8	11	13	5	0	1	4
12-14 LST	1	0	1	1	2	6	7	9	11	5	0	0	4
15-17 LST	0	1	0	1	1	6	8	8	15	5	1	0	4
18-20 LST	0	1	0	0	2	8	6	10	14	4	1	0	4
21-23 LST	0	1	1	1	1	5	4	11	15	4	1	1	4
ALL HOURS	1	0	0	1	2	6	7	10	13	5	1	0	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	20	23	20	18	8	0	1	2	18	29	29	15
03-05 LST	28	21	20	24	17	11	2	0	2	14	30	30	17
06-08 LST	27	28	20	21	18	10	0	0	1	13	29	31	17
09-11 LST	18	26	22	19	16	8	1	1	2	21	26	27	16
12-14 LST	24	20	20	19	12	5	1	1	4	20	34	30	16
15-17 LST	22	19	19	19	16	6	0	1	3	22	28	28	15
18-20 LST	23	18	25	22	18	6	1	1	2	17	29	27	16
21-23 LST	21	18	26	24	13	6	1	0	3	15	32	30	16
ALL HOURS	22	21	22	21	16	7	1	1	2	18	30	29	16

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	33	0	0	*	0	0	*	0	*	100	0	11
03-05 LST	14	18	10	8	5	2	1	3	5	14	15	16	9
06-08 LST	10	15	8	4	6	2	0	3	5	16	15	18	9
09-11 LST	11	15	14	7	6	2	2	3	7	13	13	19	9
12-14 LST	15	17	12	8	6	4	2	5	10	15	14	18	10
15-17 LST	13	16	12	9	4	3	2	4	9	14	12	17	10
18-20 LST	12	15	12	8	4	2	2	3	6	13	14	15	9
21-23 LST	10	14	12	8	4	1	1	2	6	14	12	17	9
ALL HOURS	11	18	10	7	4	2	1	3	6	12	24	15	9

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, 3 HOURLY
2.
3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	67	0	0	*	0	0	*	0	*	0	0	6
03-05 LST	13	18	11	16	22	30	30	38	24	11	13	17	20
06-08 LST	14	19	21	16	26	25	32	36	30	17	16	16	22
09-11 LST	15	23	21	13	19	26	27	33	25	18	17	16	21
12-14 LST	24	21	18	13	14	25	26	27	21	14	24	20	21
15-17 LST	17	21	18	13	14	26	26	25	19	14	18	18	19
18-20 LST	11	16	15	15	15	23	27	29	22	13	17	15	18
21-23 LST	11	16	14	14	19	30	30	31	22	13	16	15	19
ALL HOURS	13	25	15	12	16	23	25	27	20	12	15	1	18

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	67	0	0	*	0	0	*	0	*	0	0	6
03-05 LST	9	12	6	10	14	21	26	30	20	8	7	8	14
06-08 LST	11	13	10	10	15	15	24	28	21	12	8	8	14
09-11 LST	9	17	12	6	10	16	18	23	16	10	8	9	13
12-14 LST	16	16	11	6	7	15	18	20	14	8	12	14	13
15-17 LST	12	15	11	7	7	15	19	19	13	7	11	11	12
18-20 LST	8	12	9	9	7	15	21	22	16	8	10	8	12
21-23 LST	8	11	9	7	10	20	23	26	18	8	7	8	13
ALL HOURS	9	20	8	7	9	15	19	21	15	7	8	8	12

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	33	0	0	*	0	0	*	0	*	0	0	3
03-05 LST	5	8	3	5	9	18	24	26	16	3	3	3	10
06-08 LST	6	8	6	6	10	13	23	26	17	3	3	3	10
09-11 LST	4	11	7	3	7	14	16	22	13	5	3	3	9
12-14 LST	10	11	7	3	5	13	16	17	11	4	5	5	9
15-17 LST	6	11	5	4	6	13	17	17	10	3	3	4	8
18-20 LST	5	8	5	6	5	14	20	18	13	4	4	3	9
21-23 LST	5	7	5	4	6	18	22	23	13	3	2	4	9
ALL HOURS	5	12	5	4	6	13	17	19	11	3	3	3	8

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	*	0	0	*	0	*	0	0	0
03-05 LST	1	4	1	1	3	5	11	10	6	1	1	1	4
06-08 LST	1	4	2	1	3	5	8	9	8	1	#	#	4
09-11 LST	1	2	1	1	1	4	5	6	6	1	1	#	2
12-14 LST	2	3	2	#	1	2	5	5	5	1	1	1	2
15-17 LST	2	3	2	0	1	2	4	5	4	1	1	1	2
18-20 LST	1	3	2	2	1	4	6	6	4	1	#	1	3
21-23 LST	1	3	1	1	1	6	8	8	5	1	#	1	3
ALL HOURS	1	3	1	1	1	3	6	6	5	1	1	1	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAPE KRILYON RA
LOCATION: 45°54N, 142°06E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 321490
ELEVATION (FEET): 148
PERIOD: 7301-8612

ICAO ID:
LST - GMT +11

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DLY MAX 1¢	21	19	27	36	42	48	56	61	58	48	37	28	40
MEAN 1¢	19	18	26	35	41	47	55	60	57	47	35	26	39
MEAN DLY MIN 1¢	16	16	23	23	39	46	54	59	55	44	32	23	37
EXTREME MIN	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90 1¢	0	0	0	0	0	0	#	#	0	0	0	0	#
# DAYS < 32 1¢	30	27	27	14	2	0	0	0	0	1	15	28	144
# DAYS < 0 1¢	#	#	#	0	0	0	0	0	0	0	0	#	#
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/ PRECIP 1¢	26	21	19	14	12	13	13	13	11	14	20	25	201
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/ SNOWFALL 1¢	22	16	13	6	1	0	0	0	0	1	10	20	89
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (08 LST) 1	79	80	79	87	90	93	96	93	88	81	79	80	85
RH (14 LST) 1	79	77	77	83	86	92	94	90	84	78	77	78	83
VAPOR PRESS 1¢	.09	.08	.11	.18	.23	.31	.43	.50	.41	.27	.17	.12	.24
DEWPOINT 1¢	13	12	19	30	37	45	54	58	52	40	29	20	34
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1¢	NE	NE	W	W	W	NE	NE	ENE	W	W	W	W	W
MEAN SPEED (PVLG DRCTN) 1¢	18	17	20	17	14	17	14	15	14	21	26	25	18
MEAN SPEED (ALL OBS) 1¢	17	16	15	16	16	14	12	13	13	17	20	19	16
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1¢	1100	970	1100	1310	1100	800	650	750	950	1300	1190	1150	1300
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1¢	6	6	5	6	6	6	7	6	5	5	6	6	6
DAYS TSMS	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS FOG < 7	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS BNBD < 7	*	*	*	*	*	*	*	*	*	*	*	*	*
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, JAN 73 - DEC 86, SIX HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	20	14	17	21	41	60	36	5	2	10	25	23
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	27	24	12	16	22	42	61	40	10	2	10	24	24
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	29	19	15	15	19	38	52	30	8	4	15	26	22
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	28	17	14	12	19	36	50	31	7	4	13	23	21
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	20	14	16	19	40	58	36	4	2	10	25	23
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	26	24	11	15	20	39	59	37	8	2	10	23	23
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	29	19	14	14	18	37	49	28	7	3	14	25	21
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	27	17	14	12	18	34	49	29	7	4	13	22	20
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	11	8	11	17	37	55	34	3	1	5	13	18
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	17	15	6	12	18	33	54	34	6	1	6	13	18
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	19	13	9	9	13	32	45	25	6	2	9	14	17
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	19	9	8	7	14	28	43	26	4	1	6	16	15
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	12	10	4	8	13	25	37	20	6	1	3	14	13

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	1	7	15	36	52	30	2	0	1	2	13
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	1	2	8	16	31	49	29	5	#	1	3	12
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	3	3	2	6	10	24	35	18	3	1	2	2	9
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	2	2	2	4	12	22	38	21	2	#	1	2	9
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: CAPE KRILYON RA
LOCATION: 45°54'N, 142°06'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 321490
ELEVATION (FEET): 148
PERIOD: 7301-8612

ICAO ID:
LST = GMT +11

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	0	1	0	#	1	1	#	0	#
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	#	0	0	0	0	0	0	#
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	#	0	0	0	0	#	1	0	0	#	#
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	#	0	0	0	1	#	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	8	13	17	20	13	12	11	9	2	9
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	1	1	10	13	17	21	14	10	10	9	1	9
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	#	2	1	7	12	14	13	14	13	10	11	2	8
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	#	1	7	13	16	12	9	11	12	8	2	8
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	43	29	17	10	2	0	0	0	0	1	17	38	13
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	39	34	16	5	1	0	0	0	0	1	18	32	12
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	42	27	21	8	2	#	0	0	0	2	19	34	13
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	38	26	18	11	3	0	0	0	0	1	17	34	12
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	23	16	14	17	12	4	8	11	21	32	28	17
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	21	20	14	16	16	11	6	10	9	20	30	26	17
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	25	19	17	17	18	11	6	10	12	25	39	29	19
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	22	19	18	16	15	9	2	9	11	20	37	33	17
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLC DRCTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, JAN 73 - DEC 86, SIX HOURLY
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	67	53	40	53	59	72	84	63	36	42	60	72	58
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	68	61	52	55	64	79	90	70	41	47	65	73	64
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	65	54	52	52	57	67	70	62	38	49	66	74	60
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	68	55	46	52	57	67	75	65	39	45	63	75	59
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	43	28	22	32	37	53	65	47	16	14	28	40	35
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	40	34	25	35	44	58	74	50	21	16	26	39	38
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	43	32	26	33	39	53	65	44	18	18	33	43	37
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	42	29	23	31	38	51	58	46	18	18	28	43	35
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	20	14	17	21	41	60	37	5	2	10	26	23
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	27	24	12	16	22	43	62	41	10	2	10	24	24
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	29	19	15	15	19	38	52	30	8	4	15	26	23
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	28	17	14	13	19	36	50	32	7	4	13	23	21
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	6	6	9	16	37	54	33	2	#	2	8	15
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	10	9	4	11	16	32	52	33	5	1	3	6	15
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	11	8	5	7	12	28	43	23	4	1	4	8	13
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	8	5	6	5	12	25	40	24	2	#	3	7	11
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAPE MENSHIKOVA, USSR
 LOCATION: 70°43'N, 57°37'E
 PREPARED BY: USAFETAC/ECR, DEC 1988

STATION #: 209430
 ELEVATION (FEET): 14
 PERIOD: 7301-8612

ICAO ID: N/A
 LST = GMT +3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1	41	39	35	36	47	57	66	86	51	57	52	34	86
MEAN DLY MAX 1	6	4	9	15	26	35	42	42	39	30	22	15	24
MEAN 1	2	0	5	10	23	33	39	40	37	28	19	11	21
MEAN DLY MIN 1	-3	-6	0	4	18	30	36	37	35	25	17	12	17
EXTREME MIN 1	-42	-44	-34	-25	-11	16	27	27	18	0	-25	-37	-44
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	31	21	6	6	8	26	30	31	279
# DAYS < 0 1	19	18	17	13	1	0	0	0	0	0	5	12	85
2. PRECIPITATION (INCHES)													
MAXIMUM 3	0	0	0	0	0	23	31.9	37	34	0	0	0	0
MEAN 2	0.4	0.2	0.2	0.4	0.4	0.8	1.1	1.4	2.0	1.4	0.8	0.4	9.5
MINIMUM 3	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR 3	0	0	0	0	0	10.9	10.5	10.5	10.9	0	0	0	0
# DAYS > 0.04 2	13	7	11	11	10	10	18	18	18	18	10	10	154
# DAYS > 0.5 2	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (00 LST) 1	84	83	82	84	88	92	93	94	91	85	86	86	87
RH (18 LST) 1	84	83	81	83	84	89	89	91	91	86	87	85	86
VAPOR PRESS 1	.05	.05	.06	.07	.11	.17	.22	.23	.21	.14	.10	.08	.12
DEWPOINT 1	-1	-3	1	6	19	30	37	38	35	24	15	7	17
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	SSW	SSW	W	N	N	N	N	N	W	E	W	SW	N
MEAN SPEED (PVLG DRCTN) 1	14	15	14	11	11	10	10	11	11	15	13	18	13
MEAN SPEED (ALL OBS) 1	12	13	12	11	11	10	10	11	12	14	13	14	12
MAX (PK GST) PRESSURE ALT 1	1250	1200	1200	1150	900	1050	1180	1050	1150	1200	1400	1300	1400
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	5	5	5	6	6	6	6	6	6	6	6	6
DAYS TSTMS 1	0	0	0	0	0	0	0	0	0	0	0	0	3
DAYS FOG < 7 1	4	3	4	6	8	20	24	29	21	5	5	2	131
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2. NIS 26, SEC 23 (SUBSTITUTE SITE)
 3. WORLD SURVEY OF CLIMATOLOGY, VOL 7 (SUBSTITUTE SITE)

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	100	50	0	#	#	0	#	#	#	100	0	21
03-05 LST	39	39	35	42	64	59	49	69	63	58	62	54	53
06-08 LST	39	36	38	40	57	56	51	66	64	72	59	58	53
09-11 LST	42	38	38	40	52	57	48	64	67	71	65	59	53
12-14 LST	38	32	33	35	53	59	45	60	68	69	62	56	51
15-17 LST	38	32	40	41	57	54	44	60	67	67	65	55	52
18-20 LST	36	29	38	37	57	57	45	59	65	65	65	54	41
21-23 LST	38	34	36	39	59	58	48	63	59	65	62	54	51
ALL HOURS	34	43	38	34	50	50	41	55	57	58	67	49	48

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	100	50	0	#	#	0	#	#	#	0	0	12
03-05 LST	32	31	29	36	55	52	41	61	53	36	52	47	44
06-08 LST	33	31	32	35	47	49	46	59	52	47	50	49	44
09-11 LST	34	34	32	37	45	51	42	55	53	50	53	48	44
12-14 LST	33	29	30	31	44	50	38	52	55	48	52	47	42
15-17 LST	31	30	34	36	47	45	36	49	55	47	52	46	42
18-20 LST	30	26	31	31	46	47	38	47	49	43	54	46	40
21-23 LST	31	28	30	32	48	49	41	51	45	41	50	47	41
ALL HOURS	28	38	34	30	42	43	35	47	45	39	45	41	39

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	100	50	0	#	#	0	#	#	#	0	0	12
03-05 LST	20	20	16	19	32	38	33	48	34	18	26	24	27
06-08 LST	20	20	18	21	30	38	37	43	36	25	25	23	28
09-11 LST	21	23	20	20	42	33	30	38	32	23	27	23	26
12-14 LST	23	21	17	17	23	32	27	34	32	23	33	28	26
15-17 LST	19	21	21	18	22	29	28	32	33	24	30	23	25
18-20 LST	19	19	21	18	24	30	26	31	33	21	31	24	25
21-23 LST	19	21	18	19	27	35	32	37	31	20	27	23	26
ALL HOURS	17	31	23	17	23	29	27	33	29	19	25	21	24

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	#	#	0	#	#	#	0	0	0
03-05 LST	4	6	1	5	8	20	23	30	21	4	4	3	11
06-08 LST	2	2	3	3	5	17	23	29	21	5	4	3	10
09-11 LST	2	6	4	3	6	13	18	22	18	6	5	3	9
12-14 LST	5	5	3	3	5	14	16	19	16	6	5	4	8
15-17 LST	5	6	4	3	5	11	15	18	15	6	6	3	8
18-20 LST	3	5	2	3	4	13	16	19	16	5	4	2	8
21-23 LST	5	5	4	5	6	15	19	25	18	5	4	2	9
ALL HOURS	3	4	3	3	5	13	16	20	16	5	4	3	8

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: CAPE MENSHIKOVA, USSR
LOCATION: 70°43'N, 57°37'E
PREPARED BY: USAFETAC/ECR, DEC 1988

STATION #: 209430
ELEVATION (FEET): 14
PERIOD: 7301-8612

ICAO ID: N/A
LST = GMT +3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	#	#	0	#	#	#	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	#
06-08 LST	#	0	0	0	0	0	0	#	0	0	0	1	#
09-11 LST	0	#	0	0	0	0	0	#	0	0	0	0	#
12-14 LST	#	0	0	0	0	0	0	0	0	0	0	0	#
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	1	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	#	#	#	#	0	0	0	0	#	#	#
ALL HOURS	#	#	#	#	#	#	0	#	#	0	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	#	#	0	#	#	#	0	0	0
03-05 LST	0	0	0	0	2	5	9	11	13	3	1	1	#
06-08 LST	#	1	#	0	1	4	5	12	15	3	1	1	#
09-11 LST	#	1	#	#	1	5	8	12	10	4	1	0	#
12-14 LST	#	0	#	#	2	5	9	11	13	3	1	#	#
15-17 LST	0	0	#	0	1	7	7	9	15	4	1	1	#
18-20 LST	#	#	#	1	2	5	8	11	16	4	1	0	#
21-23 LST	0	#	#	1	1	5	7	12	12	4	1	0	#
ALL HOURS	#	#	#	#	1	5	7	10	12	3	1	#	3

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	50	0	#	#	0	#	#	#	100	0	12
03-05 LST	24	22	27	23	16	8	1	1	2	16	31	36	17
06-08 LST	24	18	19	22	17	5	1	1	3	16	28	36	16
09-11 LST	26	25	24	19	15	6	1	#	4	22	27	33	17
12-14 LST	24	21	20	14	14	4	1	1	3	23	33	32	16
15-17 LST	22	21	21	21	13	5	#	1	3	19	17	34	16
18-20 LST	24	21	21	20	13	6	#	1	2	22	35	36	17
21-23 LST	24	22	22	21	15	6	1	1	3	20	33	35	17
ALL HOURS	21	19	26	18	13	5	1	1	3	17	39	30	16

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	100	0	0	#	#	0	#	#	#	0	0	8
03-05 LST	6	9	5	3	3	1	#	#	2	7	8	11	5
06-08 LST	10	9	3	4	4	1	1	1	3	8	4	9	5
09-11 LST	5	8	5	4	4	2	#	3	5	7	7	9	5
12-14 LST	6	11	7	4	3	2	#	3	6	9	9	10	6
15-17 LST	6	9	9	4	4	1	1	4	3	8	8	9	5
18-20 LST	6	7	7	4	4	1	0	2	4	7	8	8	5
21-23 LST	6	8	7	2	3	#	#	1	3	8	7	9	5
ALL HOURS	5	20	5	3	3	1	#	2	3	7	6	8	5

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POW 7301-8612
 2. NIS 26, SEC 23 (SUBSTITUTE SITE)
 3. WORLD SURVEY OF CLIMATOLOGY, VOL 7 (SUBSTITUTE SITE)

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	100	50	0	#	#	0	#	#	#	0	0	12
03-05 LST	19	20	16	19	29	36	33	47	32	17	24	23	26
06-08 LST	19	20	18	20	28	35	35	42	35	24	24	23	27
09-11 LST	20	23	20	19	24	31	29	37	32	22	26	22	25
12-14 LST	22	20	17	16	22	29	26	33	31	21	32	28	25
15-17 LST	19	21	20	18	20	28	27	31	32	23	29	23	24
18-20 LST	18	18	21	18	21	28	26	30	2	20	30	21	24
21-23 LST	18	19	17	19	25	32	30	36	30	19	26	22	24
ALL HOURS	17	30	22	16	21	27	26	32	28	18	24	20	24

6. % FREQ OF CIG/VIS < 500/1.5 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	100	0	0	#	#	0	#	#	#	0	0	8
03-05 LST	12	15	10	14	15	24	27	37	26	13	15	15	19
06-08 LST	13	13	12	12	17	20	28	34	30	15	16	15	19
09-11 LST	12	17	14	14	12	19	23	28	23	15	17	15	17
12-14 LST	15	15	12	10	12	21	22	27	24	13	21	18	17
15-17 LST	12	15	16	12	12	16	20	24	23	15	19	14	16
18-20 LST	12	10	15	12	12	19	21	25	23	14	21	12	16
21-23 LST	13	13	11	14	14	21	24	30	24	15	15	15	17
ALL HOURS	11	25	11	11	12	18	20	26	22	13	16	13	16

7. % FREQ OF CIG/VIS < 300/1 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	100	0	0	#	#	0	#	#	#	0	0	8
03-05 LST	6	9	3	8	10	21	24	32	22	6	7	7	13
06-08 LST	6	7	7	6	7	17	24	30	24	7	5	7	12
09-11 LST	5	10	9	8	7	14	19	23	18	10	9	6	12
12-14 LST	7	9	6	4	7	15	18	21	18	9	9	9	11
15-17 LST	7	10	9	8	6	12	15	19	16	9	7	7	11
18-20 LST	6	7	8	6	5	15	17	20	17	7	9	5	10
21-23 LST	7	8	6	8	9	17	20	26	19	9	7	8	12
ALL HOURS	6	20	6	6	6	14	17	21	17	7	7	6	11

8. % FREQ OF CIG/VIS < 100/0.25 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	#	#	0	#	#	#	0	0	0
03-05 LST	2	3	#	3	5	9	16	21	14	3	2	1	7
06-08 LST	1	2	1	1	4	9	15	22	15	3	1	2	6
09-11 LST	2	3	1	1	3	6	13	13	12	3	3	2	5
12-14 LST	2	2	2	1	2	6	11	10	11	3	2	3	4
15-17 LST	2	3	2	1	2	6	8	8	9	2	3	1	4
18-20 LST	1	2	1	2	1	8	9	12	12	3	1	1	4
21-23 LST	3	2	1	3	4	8	14	17	12	3	1	1	6
ALL HOURS	2	2	1	1	2	7	11	13	11	2	2	1	5

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CHELYABINSK, USSR

LOCATION: 5518N 6133E

PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 286420

ELEVATION (FEET): 807

PERIOD: 7301-8612

ICAO: N/A

LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	38	40	62	86	88	93	97	90	70	52	42	97
MEAN DAILY MAX	1	12	14	30	50	62	70	73	69	59	41	26	44
MEAN	1	7	8	24	43	54	63	65	61	52	36	22	37
MEAN DAILY MIN	1	1	1	16	33	42	52	56	52	43	29	16	29
EXTREME MIN	1	-40	-38	-16	4	20	30	40	32	17	-7	-28	-42
# DAYS GE 90	1	0	0	0	0	0	1	1	0	0	0	0	2
# DAYS LE 32	1	31	28	30	15	4	0	0	2	18	29	31	188
# DAYS LE 0	1	15	13	4	0	0	0	0	0	0	3	10	45
2. PRECIPITATION (INCHES)													
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	0.6	0.5	0.7	0.7	1.3	2.1	3.0	2.3	1.5	1.2	0.8	15.5
MINIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 0.004	1	10	8	6	5	6	7	7	7	7	10	9	91
# DAYS GE 0.5		0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN		0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0
# DAYS SNOWFALL	1	9	8	6	2	0	0	0	1	5	7	8	46
# DAYS GE 1.5		0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (8 LST)	1	81	83	84	75	70	78	85	85	82	83	82	85
RH (17 LST)	1	74	70	64	46	40	48	53	54	53	53	64	40
VAPOR PRESS	1	.06	.06	.10	.16	.22	.36	.43	.38	.27	.16	.10	.20
DEWPOINT	1	2	2	16	28	35	48	53	50	40	28	16	27
5. SURFACE WINDS 16 KT/STS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCN	1	\$S	W	W	W	W	N	W	W	W	W	W	W
MEAN SPEED		0	0	0	0	0	0	0	0	0	0	0	0
(PVLG DRCN)	1	9	11	11	12	13	11	10	10	12	12	11	11
MEAN SPEED		0	0	0	0	0	0	0	0	0	0	0	0
(ALL OBS)	1	8	9	9	10	10	9	8	8	9	10	9	9
MAX PEAK GUST	1	0	0	0	0	0	23	0	0	23	29	0	27
PRESSURE ALT	1	1500	1600	1700	1630	1810	1610	1550	1500	1810	1720	1740	1810
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	5	5	5	5	6	6	5	62
DAYS TSTMS	1	0	0	0	0	2	7	8	5	0	0	0	22
DAYS FOG LT 7	1	19	17	18	10	8	9	13	14	12	13	16	167
DAYS BNBD LT 7	1	0	0	0	0	0	0	0	0	0	0	0	2
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 † = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2. WORLD CLIMATIC DATA, 10 YEAR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	66	60	52	42	41	30	33	34	39	52	58	65	48
03-05 LST	69	62	53	48	43	36	44	44	43	54	59	64	52
06-08 LST	64	67	64	49	45	33	38	41	48	53	58	69	52
09-11 LST	72	65	57	42	27	29	35	37	47	54	63	70	50
12-14 LST	63	55	42	29	21	27	25	25	28	43	54	65	40
15-17 LST	63	48	35	25	19	19	18	20	24	38	50	60	35
18-20 LST	66	54	46	29	17	21	18	18	30	47	57	66	39
21-23 LST	66	58	53	36	32	28	27	30	32	53	60	66	45
ALL HOURS	66	59	50	37	31	28	30	31	36	49	58	66	45

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	63	57	48	40	39	28	32	31	35	44	51	63	44
03-05 LST	68	58	51	46	40	35	41	41	38	47	54	61	48
06-08 LST	62	63	61	47	41	31	36	37	43	48	50	66	49
09-11 LST	72	64	55	38	23	22	27	28	37	47	58	69	45
12-14 LST	62	54	40	23	17	19	19	18	20	32	49	64	35
15-17 LST	62	48	32	22	16	15	14	14	18	28	45	59	31
18-20 LST	64	53	43	26	14	18	14	15	24	41	51	64	36
21-23 LST	65	56	50	35	30	25	26	28	28	43	54	64	42
ALL HOURS	65	57	48	35	28	24	26	26	30	41	51	64	41

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	28	19	13	10	9	7	10	12	22	27	30	19
03-05 LST	38	32	24	16	12	11	13	16	15	23	28	29	21
06-08 LST	37	31	31	14	14	9	14	12	18	23	26	28	21
09-11 LST	43	40	26	13	7	7	7	8	11	24	33	43	22
12-14 LST	36	28	14	8	6	3	4	5	8	16	20	34	15
15-17 LST	33	22	10	8	3	3	3	2	6	10	21	28	13
18-20 LST	35	23	12	6	3	3	3	3	6	17	26	30	14
21-23 LST	38	28	20	8	7	6	5	7	8	19	27	33	17
ALL HOURS	37	29	20	11	8	6	7	8	10	19	26	32	18

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	2	3	1	1	1	1	1	2	3	2	3	2
03-05 LST	4	2	3	1	2	2	2	3	2	4	2	2	2
06-08 LST	2	2	4	3	1	1	2	2	3	5	2	3	2
09-11 LST	4	2	2	1	1	1	#	#	1	3	6	3	2
12-14 LST	3	2	1	1	1	1	#	0	1	1	3	3	1
15-17 LST	2	1	1	1	1	0	#	0	0	1	1	2	1
18-20 LST	3	2	1	1	1	#	1	#	1	4	1	2	1
21-23 LST	4	3	1	1	1	1	#	1	1	3	2	2	2
ALL HOURS	3	2	2	1	1	1	1	1	1	3	2	3	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CHELYABINSK, USSR

LOCATION: 5518N 6133E

PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 286420

ELEVATION (FEET): 807

PERIOD: 7301-8612

ICAO: W/A

LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	#	1	1	1	0	0	0	#	#
03-05 LST	0	0	0	0	0	0	1	0	#	0	0	0	#
06-08 LST	0	0	0	0	0	1	1	0	1	#	0	0	#
09-11 LST	0	0	0	0	#	1	1	#	0	0	1	0	#
12-14 LST	#	0	#	0	1	1	3	2	0	0	0	1	1
15-17 LST	#	0	0	0	1	5	6	2	0	0	0	0	1
18-20 LST	0	0	0	0	1	3	3	0	0	#	0	0	1
21-23 LST	0	0	0	0	#	3	3	1	0	0	0	0	1
ALL HOURS	#	0	#	0	#	2	2	1	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	#	3	7	8	6	6	10	7	2	#	4
03-05 LST	#	#	1	5	6	7	7	7	10	7	1	0	4
06-08 LST	0	1	2	2	6	8	11	7	10	4	1	0	4
09-11 LST	#	1	0	3	7	7	5	7	10	6	1	1	4
12-14 LST	1	0	1	4	4	6	7	8	7	6	2	#	4
15-17 LST	0	1	#	3	5	11	8	7	8	6	2	1	4
18-20 LST	1	#	1	4	5	9	7	6	7	8	1	1	4
21-23 LST	0	0	#	3	7	10	7	8	10	7	2	#	5
ALL HOURS	#	#	1	3	6	8	7	7	9	6	1	#	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	17	9	6	1	#	0	0	1	16	17	16	9
03-05 LST	24	21	10	6	#	#	0	0	1	11	15	19	9
06-08 LST	24	20	18	7	2	0	0	0	1	10	19	20	10
09-11 LST	22	19	11	4	1	#	0	0	2	15	17	23	9
12-14 LST	13	14	11	3	1	0	0	0	1	11	17	19	8
15-17 LST	16	12	10	6	1	0	0	0	1	10	13	13	7
18-20 LST	15	14	9	4	1	0	0	0	1	9	13	14	7
21-23 LST	21	17	12	4	1	#	0	0	1	11	16	18	8
ALL HOURS	19	17	11	5	1	#	0	0	1	11	16	18	8

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	2	#	1	1	#	1	1	#	#	1	1	1
03-05 LST	1	1	1	#	1	1	0	0	0	1	1	#	1
06-08 LST	1	1	1	2	#	0	0	0	0	#	1	1	1
09-11 LST	1	1	1	2	3	0	1	#	1	#	1	1	1
12-14 LST	1	1	1	3	5	2	1	1	2	2	2	1	2
15-17 LST	#	1	2	2	3	2	1	1	1	1	1	1	1
18-20 LST	#	1	1	1	3	1	#	#	1	1	1	1	1
21-23 LST	#	2	1	#	1	1	#	0	1	#	#	1	1
ALL HOURS	1	1	1	1	2	1	#	#	1	1	1	1	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV, JAN 73 - DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	27	18	12	9	8	7	9	11	21	26	29	18
03-05 LST	36	31	22	16	12	10	13	15	14	22	26	29	20
06-08 LST	35	30	29	13	13	8	12	11	17	23	25	26	20
09-11 LST	43	40	26	12	6	5	6	7	9	21	32	42	21
12-14 LST	36	27	13	7	6	3	3	5	8	14	19	34	15
15-17 LST	33	22	10	7	3	3	2	2	5	9	21	28	12
18-20 LST	35	23	12	6	3	2	2	3	5	15	25	29	13
21-23 LST	38	27	18	8	6	6	4	7	7	18	27	33	17
ALL HOURS	36	28	19	10	7	5	6	7	10	18	25	31	17

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	19	14	9	6	5	5	8	7	15	18	23	13
03-05 LST	27	22	17	13	9	8	10	11	8	15	17	22	15
06-08 LST	25	21	25	10	9	4	7	9	11	18	17	17	14
09-11 LST	36	32	19	6	3	3	3	4	5	17	24	33	15
12-14 LST	28	20	10	5	3	2	2	2	4	10	15	27	11
15-17 LST	24	12	7	4	2	1	2	2	2	7	12	22	8
18-20 LST	25	16	8	5	2	2	2	2	3	10	15	21	9
21-23 LST	28	21	12	6	4	3	3	5	6	11	18	24	12
ALL HOURS	27	20	14	7	5	4	4	5	6	13	17	24	12

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	6	4	4	2	2	2	2	3	6	6	10	5
03-05 LST	11	6	7	5	3	3	3	4	3	7	4	8	5
06-08 LST	7	7	14	4	3	1	2	3	5	8	6	9	6
09-11 LST	16	12	7	2	1	1	#	1	2	6	10	14	6
12-14 LST	15	7	3	3	1	1	1	#	1	4	6	12	4
15-17 LST	7	4	1	2	1	#	#	#	1	4	2	9	3
18-20 LST	8	4	2	3	1	1	1	#	1	6	6	8	3
21-23 LST	9	6	3	2	2	1	1	3	2	5	6	10	4
ALL HOURS	10	7	5	3	2	1	1	2	2	6	6	10	5

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	#	1	1	1	1	1	1	1	1	1
03-05 LST	1	1	1	1	1	2	2	2	1	3	#	1	1
06-08 LST	1	0	3	2	1	#	2	2	1	3	1	1	1
09-11 LST	1	0	1	1	0	#	0	#	1	2	3	1	1
12-14 LST	1	1	#	#	#	1	#	0	#	#	1	1	#
15-17 LST	0	#	#	1	#	0	#	#	#	#	0	1	#
18-20 LST	2	0	#	#	1	0	1	#	#	2	1	1	1
21-23 LST	2	1	1	1	1	1	#	#	#	2	#	1	1
ALL HOURS	1	#	1	1	1	1	1	1	1	2	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CHITA/KADALA, RUSSIA
 LOCATION: 5201N 11321E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 307580
 ELEVATION (FEET): 2247
 PERIOD: 7301-9012

ICAO: UIAA
 LST = GMT + 9

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	32	38	61	73	91	96	97	91	82	72	62	40 97
MEAN DAILY MAX	1	-2	9	27	44	60	71	74	70	59	41	20	3 40
MEAN	1	-12	-3	16	34	49	61	65	60	48	30	11	-5 30
MEAN DAILY MIN	1	-21	-15	2	22	36	48	54	50	36	19	1	-13 18
EXTREME MIN	1	-43	-39	-23	-12	18	28	32	34	18	-21	-34	-44 -44
# DAYS GE 90	1	0	0	0	0	#	1	1	#	0	0	0	0 2
# DAYS LE 32	1	31	28	31	27	10	#	#	0	9	29	30	31 227
# DAYS LE 0	1	30	27	14	1	0	0	0	0	0	1	14	26 113
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	.1	.1	.2	.4	.9	1.7	3.6	3.7	1.6	.5	.3	.2 13.2
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	.4	.3	.9	.9	1.3	1.7	2.0	4.1	1.3	.7	.5	.2 4.1
# DAYS GE 0.004	1	5	5	5	7	8	11	13	14	9	5	6	7 95
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	4	4	3	4	2	#	0	#	1	3	5	6 32
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (6 LST)	1	78	77	71	62	63	77	87	89	82	76	78	80 77
RH (18 LST)	1	72	61	45	36	32	40	51	53	45	46	63	74 52
VAPOR PRESS	1	.02	.03	.06	.10	.16	.30	.42	.38	.23	.11	.06	.03 .16
DEWPOINT	1	-16	-9	4	15	27	43	53	50	36	18	3	-9 18
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$SW	\$W	\$W	\$WNW	WNW	\$W	\$NNE	\$NNE	\$W	\$W	\$W	\$SW \$W
MEAN SPEED													
(PVLG DRCTN)	1	9	9	9	13	13	9	8	7	9	9	10	9 10
MEAN SPEED													
(ALL OBS)	1	3	4	6	9	9	7	6	6	6	6	4	6
MAX PEAK GUST	1	27	25	39	37	43	33	33	27	33	35	43	45 45
PRESSURE ALT	1	2880	2910	2800	2950	3100	3160	3150	3100	3150	2800	2650	2830 3160
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	3	3	4	5	5	5	5	5	5	4	4	3 4
DAYS TSTMS	1	#	#	#	#	1	5	9	7	1	#	#	# 23
DAYS FOG LT 7	1	23	18	6	1	1	1	4	7	4	4	12	21 102
DAYS BNBD LT 7	1	0	#	#	#	#	#	#	0	0	#	0	0 0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(CHITA, RUSSIA)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAY 72, 59-64 YEARS OF RECORD.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	58	38	7	8	6	5	8	8	5	10	30	52	19
03-05 LST	58	40	8	10	7	7	12	9	7	10	31	51	21
06-08 LST	60	45	11	11	10	10	20	23	13	12	31	53	25
09-11 LST	64	48	15	11	10	12	22	31	17	12	26	52	27
12-14 LST	63	45	12	10	12	6	17	17	10	12	25	50	23
15-17 LST	52	30	7	6	7	5	11	9	6	8	21	44	17
18-20 LST	49	23	3	6	6	4	8	6	5	6	22	47	15
21-23 LST	58	37	6	8	5	4	7	8	6	11	31	53	20
ALL HOURS	58	38	9	9	8	7	13	14	9	10	27	50	21

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	58	38	7	6	5	2	4	3	2	9	30	52	18
03-05 LST	58	40	7	8	4	3	7	5	5	9	30	51	19
06-08 LST	60	45	11	9	8	5	14	17	8	11	30	53	23
09-11 LST	64	48	14	9	8	7	15	24	13	11	25	52	24
12-14 LST	63	45	12	9	8	2	9	6	5	11	25	50	20
15-17 LST	52	30	7	5	5	2	5	3	2	8	20	44	15
18-20 LST	49	23	3	6	4	1	4	3	2	5	21	47	14
21-23 LST	58	37	6	8	4	2	3	3	3	10	30	53	18
ALL HOURS	58	38	8	7	6	3	8	8	5	9	26	50	19

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	11	2	4	2	1	#	1	1	3	6	24	7
03-05 LST	33	18	2	4	2	2	3	2	2	3	7	21	8
06-08 LST	33	20	3	6	3	3	9	10	5	3	10	21	11
09-11 LST	40	29	6	6	3	3	9	18	9	6	10	28	14
12-14 LST	33	14	3	4	3	1	3	2	4	4	8	22	8
15-17 LST	12	3	2	2	1	1	2	1	1	3	3	9	3
18-20 LST	15	2	1	3	2	1	2	1	1	2	4	18	4
21-23 LST	30	8	1	4	1	1	1	2	1	2	5	21	6
ALL HOURS	28	13	2	4	2	1	4	5	3	3	7	21	8

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	#	1	#	#	#	#	#	1	1	4	1
03-05 LST	6	7	1	1	#	#	1	#	#	1	2	2	2
06-08 LST	6	7	#	1	1	1	3	4	2	1	3	3	3
09-11 LST	7	8	2	1	1	1	2	7	7	3	3	4	4
12-14 LST	6	1	#	1	1	#	#	0	1	1	1	3	1
15-17 LST	1	#	#	#	0	#	#	#	#	1	1	#	#
18-20 LST	1	#	1	1	#	#	#	#	#	1	1	1	1
21-23 LST	2	1	0	#	#	#	0	#	0	1	1	2	1
ALL HOURS	4	3	1	1	1	#	1	2	1	1	2	2	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CHITA/KADALA, RUSSIA
LOCATION: 5201N 11321E
PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 307580
ELEVATION (FEET): 2247
PERIOD: 7301-9012

ICAO: UIAA
LST = GMT + 9

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	4	2	0	0	0	0	1
03-05 LST	0	0	0	0	0	1	2	1	0	0	0	0	#
06-08 LST	0	0	0	#	0	#	1	1	0	0	0	0	#
09-11 LST	#	#	0	0	0	0	1	1	0	0	0	0	#
12-14 LST	0	0	0	0	0	1	#	#	0	0	0	#	#
15-17 LST	#	0	#	0	#	2	4	2	#	0	0	0	1
18-20 LST	#	0	0	0	#	4	9	6	1	0	0	0	2
21-23 LST	0	0	0	0	#	3	6	3	1	0	0	0	1
ALL HOURS	#	#	#	#	#	1	3	2	#	0	0	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	3	9	10	10	6	1	0	0	3
03-05 LST	0	0	0	1	3	6	9	7	5	#	0	0	3
06-08 LST	#	0	#	1	2	8	8	10	6	1	0	0	3
09-11 LST	0	0	0	#	3	7	9	11	5	1	0	#	3
12-14 LST	0	0	#	1	5	7	9	9	5	1	0	0	3
15-17 LST	0	0	#	1	5	8	10	12	5	1	0	0	4
18-20 LST	0	#	#	1	4	10	10	13	7	1	0	0	4
21-23 LST	0	0	0	#	4	7	12	8	8	1	0	#	3
ALL HOURS	#	#	#	1	4	8	10	10	6	1	0	#	3

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	2	3	1	0	0	0	1	1	4	4	2
03-05 LST	4	4	2	2	1	0	0	0	#	2	5	5	2
06-08 LST	4	3	3	3	2	0	0	0	1	2	5	5	2
09-11 LST	3	4	5	4	2	0	0	#	1	3	3	4	2
12-14 LST	3	4	2	5	3	0	0	0	1	2	5	6	3
15-17 LST	3	3	2	5	2	0	0	0	1	3	4	5	2
18-20 LST	4	3	3	4	2	0	0	0	1	2	3	4	2
21-23 LST	3	3	1	4	1	#	0	0	1	2	2	4	2
ALL HOURS	4	3	3	4	2	#	0	#	1	2	4	5	2

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	1	1	#	#	0	#	#	1	1	#
03-05 LST	#	0	1	1	1	0	0	#	#	#	1	#	#
06-08 LST	0	0	0	1	#	#	0	0	1	#	1	#	#
09-11 LST	#	#	#	2	2	#	0	0	#	1	2	2	1
12-14 LST	0	#	1	3	2	#	#	#	#	#	1	1	1
15-17 LST	#	#	1	4	4	#	0	#	1	1	1	1	1
18-20 LST	0	#	2	4	4	1	1	#	#	1	1	#	1
21-23 LST	1	#	1	5	4	1	1	1	2	2	2	1	2
ALL HOURS	#	#	1	2	2	#	#	#	1	1	1	1	1

(CHITA, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAY 72, 59-64 YEARS OF RECORD.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	11	2	4	2	1	#	1	1	3	6	24	7
03-05 LST	33	18	2	4	2	2	3	2	2	3	7	21	8
06-08 LST	33	20	3	6	3	3	9	9	5	3	10	21	10
09- LST	40	29	6	6	3	3	8	18	9	6	10	28	14
12-14 LST	33	14	3	4	3	1	2	2	4	4	8	22	8
15-17 LST	12	3	2	2	1	1	2	1	1	3	3	9	3
18-20 LST	15	2	1	3	2	1	2	1	1	2	4	18	4
21-23 LST	30	8	1	4	1	1	1	2	1	2	5	21	6
ALL HOURS	28	13	2	4	2	1	3	4	3	3	7	21	8

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	11	2	4	2	1	#	1	#	2	6	24	7
03-05 LST	32	18	2	4	2	1	2	1	1	3	7	21	8
06-08 LST	33	20	3	5	3	2	6	8	4	3	10	21	10
09-11 LST	40	29	6	5	3	2	5	14	8	6	9	28	13
12-14 LST	33	14	3	4	2	1	1	1	3	4	8	22	8
15-17 LST	12	3	2	2	1	1	1	1	1	3	3	9	3
18-20 LST	15	2	1	3	2	#	1	1	1	2	4	18	4
21-23 LST	30	8	1	4	1	#	1	1	#	2	5	21	6
ALL HOURS	28	13	2	4	2	1	2	3	2	3	7	20	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	4	1	1	#	1	#	#	#	1	1	6	2
03-05 LST	8	9	1	1	1	#	1	1	#	1	3	5	3
06-08 LST	8	8	1	2	2	1	3	5	2	1	5	5	4
09-11 LST	15	14	3	3	1	1	3	10	7	4	4	8	6
12-14 LST	12	4	1	2	1	#	1	0	1	2	3	6	3
15-17 LST	2	1	1	1	#	#	#	#	1	1	2	1	1
18-20 LST	2	1	1	1	1	#	1	#	1	1	2	3	1
21-23 LST	3	1	0	1	1	#	0	#	0	1	1	3	1
ALL HOURS	7	5	1	1	1	#	1	2	2	2	3	5	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	#	1	#	#	#	#	#	1	1	4	1
03-05 LST	4	6	1	1	#	#	#	0	#	1	2	2	1
06-08 LST	3	5	#	1	1	1	2	3	2	1	2	2	2
09-11 LST	4	5	2	#	1	#	1	6	5	3	2	3	3
12-14 LST	4	#	#	1	1	0	#	0	1	1	1	1	1
15-17 LST	1	0	#	#	0	0	#	0	#	1	1	0	#
18-20 LST	1	#	1	1	0	0	0	0	#	1	1	#	#
21-23 LST	1	1	0	0	#	#	0	#	0	1	1	1	#
ALL HOURS	3	2	0	#	#	#	1	1	1	1	1	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GLAZOV-IN-UDMURT, USSR
LOCATION: 5808N 5241E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 282140
ELEVATION (FEET): 482
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 4

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	34	36	46	72	82	88	88	88	76	66	44	38	88
MEAN DAILY MAX	12	13	28	44	60	67	71	66	54	38	26	17	41
MEAN	7	7	22	37	51	59	63	58	48	34	23	12	35
MEAN DAILY MIN	0	0	13	29	40	48	53	49	41	29	18	6	27
EXTREME MIN	-42	-43	-24	0	24	30	39	32	26	0	-18	-32	-43
# DAYS GE 90	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 32	31	28	30	19	6	1	0	#	5	20	29	31	200
# DAYS LE 0	15	14	6	#	0	0	0	0	0	#	3	11	49
2. PRECIPITATION (INCHES)													
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MINIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	15	11	9	7	5	6	6	6	8	13	15	15	116
# DAYS GE 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	13	10	7	3	0	0	0	0	1	6	11	12	63
# DAYS GE 1.5	#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (4 LST)	82	83	86	84	80	87	92	92	92	89	88	84	86
RH (16 LST)	81	75	68	60	47	56	59	59	68	78	84	83	68
VAPOR PRESS	.06	.06	.10	.17	.24	.37	.45	.38	.28	.18	.12	.08	.21
DEWPOINT	3	2	16	28	37	48	55	50	42	29	20	8	28
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	SW	W	W	SW	W	W	W	W	W	W	SW	SW	W
MEAN SPEED													
(PVLG DRCTN)	11	8	7	10	9	8	6	7	8	9	11	12	9
MEAN SPEED													
(ALL OBS)	8	8	8	8	8	7	5	6	7	8	9	9	8
MAX PEAK GUST	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1600	1420	1470	1270	1140	1160	1240	1160	1280	1360	1530	1460	1600
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	6	5	5	5	5	5	5	5	6	6	7	6	6
DAYS TSMS	0	#	#	#	3	6	6	4	1	#	#	#	20
DAYS FOG LT 7	7	7	7	7	3	5	7	7	8	7	8	5	80
DAYS BNBD LT 7	0	0	0	0	#	#	0	#	0	0	#	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	47	28	31	23	16	21	20	18	35	52	68	49	34
03-05 LST	49	36	34	29	23	21	27	27	42	55	70	52	39
06-08 LST	52	39	42	35	20	24	28	30	51	61	70	58	42
09-11 LST	57	45	40	33	24	26	29	33	51	60	73	64	45
12-14 LST	42	31	33	29	23	27	32	35	50	60	68	56	41
15-17 LST	40	28	30	24	24	27	29	29	45	58	66	53	38
18-20 LST	42	27	29	21	18	21	21	19	37	56	69	51	34
21-23 LST	43	26	28	21	18	19	18	19	30	54	68	51	33
ALL HOURS	47	33	33	27	21	23	26	26	43	57	69	54	38

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	33	17	17	15	7	10	10	7	18	36	51	39	22
03-05 LST	37	23	23	20	12	12	14	16	24	38	52	42	26
06-08 LST	39	26	31	25	13	16	17	18	36	43	56	46	30
09-11 LST	47	35	30	24	10	12	14	14	35	46	61	56	32
12-14 LST	32	22	21	15	7	9	9	9	23	39	54	44	24
15-17 LST	29	21	17	13	7	7	6	7	19	39	47	45	21
18-20 LST	29	19	18	12	8	7	6	6	17	37	48	40	21
21-23 LST	31	17	18	14	8	7	7	7	18	34	47	37	21
ALL HOURS	35	22	22	17	9	10	11	10	24	39	52	44	25

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	6	8	4	2	3	4	2	5	13	24	15	8
03-05 LST	12	8	7	7	4	8	8	6	8	13	24	15	10
06-08 LST	13	9	13	13	5	6	9	10	17	18	25	19	13
09-11 LST	24	22	17	10	4	3	4	5	14	23	35	29	16
12-14 LST	15	14	8	6	3	3	3	3	7	20	33	24	12
15-17 LST	13	12	6	5	2	2	1	#	6	18	26	22	10
18-20 LST	11	9	5	6	3	2	#	2	5	16	20	15	8
21-23 LST	11	7	7	5	2	2	0	1	4	10	19	14	7
ALL HOURS	14	11	9	7	3	4	4	4	8	16	26	19	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	1	1	2	2	1	2	3	4	2	2
03-05 LST	2	2	2	3	1	4	4	3	3	3	2	2	3
06-08 LST	2	2	4	3	1	1	2	5	8	5	3	1	3
09-11 LST	3	5	2	2	1	0	#	1	2	5	3	3	2
12-14 LST	2	1	1	1	0	1	0	1	#	2	3	1	1
15-17 LST	2	2	1	1	0	#	#	0	1	3	3	1	1
18-20 LST	2	1	0	1	0	1	0	#	#	4	4	1	1
21-23 LST	1	1	1	1	#	0	0	#	1	2	2	1	1
ALL HOURS	2	2	2	2	1	1	1	1	2	3	3	2	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GLAZOV-IN-UDMURT, USSR
 LOCATION: 5808N 5241E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 282140
 ELEVATION (FEET): 482
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT + 4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	2	2	1	0	0	0	0	1
03-05 LST	0	0	0	0	1	1	0	1	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	1	1	0	0	1	0	0
09-11 LST	0	0	0	0	0	0	1	1	0	0	0	0	0
12-14 LST	0	0	0	0	0	2	2	1	0	0	0	0	1
15-17 LST	0	0	0	0	2	6	6	3	0	0	0	0	1
18-20 LST	0	0	0	0	1	3	4	2	1	0	0	0	1
21-23 LST	0	0	0	0	1	2	3	1	0	0	0	0	1
ALL HOURS	0	0	0	0	1	2	2	1	0	0	0	0	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	5	7	6	4	7	11	10	6	3	5
03-05 LST	2	2	2	5	6	6	3	9	13	9	6	1	5
06-08 LST	1	2	1	4	6	9	5	10	12	12	6	3	6
09-11 LST	2	1	2	5	6	7	6	8	13	12	8	5	6
12-14 LST	1	1	2	5	6	7	7	7	12	12	7	4	6
15-17 LST	0	2	2	5	8	6	12	7	16	12	6	3	7
18-20 LST	1	2	3	5	7	6	6	8	14	15	7	2	6
21-23 LST	2	1	2	7	6	6	5	5	12	12	6	3	6
ALL HOURS	1	2	2	5	6	6	6	8	13	12	7	3	6

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	31	22	14	5	1	0	0	0	1	14	26	29	12
03-05 LST	35	26	15	8	1	0	0	0	1	15	26	30	13
06-08 LST	39	31	20	9	2	0	0	0	2	13	27	34	15
09-11 LST	38	34	24	9	0	0	0	0	2	15	35	34	16
12-14 LST	38	28	17	6	0	0	0	0	1	15	32	39	15
15-17 LST	34	23	13	7	0	0	0	0	1	15	27	32	13
18-20 LST	29	21	14	6	0	0	0	0	1	13	25	28	12
21-23 LST	31	23	15	6	0	0	0	0	1	13	26	30	12
ALL HOURS	34	26	17	7	1	0	0	0	1	14	28	32	13

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	0	1	0	1	1	1	1	3	1
03-05 LST	2	2	1	1	0	0	0	0	0	1	2	3	1
06-08 LST	2	2	1	1	0	1	0	0	0	1	2	2	1
09-11 LST	2	2	1	2	0	0	0	0	0	0	2	1	1
12-14 LST	2	2	0	2	1	0	0	0	1	0	2	2	1
15-17 LST	2	1	0	1	2	0	0	0	1	1	2	2	1
18-20 LST	2	1	1	1	1	0	0	1	0	1	1	2	1
21-23 LST	1	2	1	1	0	0	0	0	0	1	1	3	1
ALL HOURS	2	1	1	1	1	0	0	0	0	1	2	2	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	5	7	3	2	2	3	1	3	11	19	12	6
03-05 LST	10	7	6	6	3	6	7	5	5	11	19	11	8
06-08 LST	11	7	12	11	2	5	7	8	12	13	18	13	10
09-11 LST	19	20	15	8	3	2	2	4	9	19	27	21	12
12-14 LST	12	13	6	4	1	2	1	2	4	16	28	18	9
15-17 LST	11	11	5	4	1	1	1	#	3	14	21	17	7
18-20 LST	8	8	4	5	3	2	0	1	2	14	16	12	6
21-23 LST	8	6	5	4	2	1	0	1	3	9	15	11	5
ALL HOURS	11	9	7	5	2	3	3	3	5	13	21	14	8

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	3	4	2	2	2	2	1	2	6	11	8	4
03-05 LST	8	5	4	4	2	5	6	4	4	7	10	7	5
06-08 LST	7	5	6	9	2	3	4	6	9	9	9	7	6
09-11 LST	15	15	10	5	2	1	1	2	5	14	17	12	8
12-14 LST	10	9	4	3	0	1	1	1	2	10	18	11	6
15-17 LST	9	10	3	3	#	1	1	#	1	8	11	11	5
18-20 LST	6	6	3	3	1	1	0	#	2	9	9	7	4
21-23 LST	6	4	3	2	1	1	0	1	1	6	9	6	3
ALL HOURS	8	7	5	4	1	2	2	2	3	9	12	9	5

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	3	1	2	2	2	1	2	4	7	5	3
03-05 LST	3	4	3	4	1	5	5	3	3	4	6	3	4
06-08 LST	5	3	5	6	2	2	2	5	9	7	5	2	4
09-11 LST	7	11	6	4	1	#	#	2	3	10	8	7	5
12-14 LST	7	6	2	2	0	1	0	1	1	5	9	6	3
15-17 LST	5	5	1	2	#	#	#	#	1	5	7	5	3
18-20 LST	4	3	1	2	0	1	0	#	1	5	5	3	2
21-23 LST	4	2	2	2	1	1	0	#	1	4	4	2	2
ALL HOURS	5	4	3	3	1	1	1	1	3	5	6	4	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	#	1	2	1	1	2	2	2	1	1
03-05 LST	#	1	1	2	1	3	2	2	2	2	#	#	1
06-08 LST	1	1	2	1	1	1	1	3	6	3	1	#	2
09-11 LST	1	2	0	1	#	0	#	1	2	2	1	1	1
12-14 LST	1	1	#	1	#	1	0	1	#	2	1	0	1
15-17 LST	#	1	#	1	0	#	#	0	#	2	0	1	#
18-20 LST	1	#	0	1	0	1	0	0	#	1	1	#	#
21-23 LST	0	0	#	1	#	0	0	#	1	1	1	#	#
ALL HOURS	1	1	1	1	#	1	1	1	2	2	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GORKIY, RUSSIA
LOCATION: 5613N 4350E
PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 275530
ELEVATION (FEET): 269
PERIOD: 5812-8710

ICAO:
LST = GMT + 4

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	39	46	60	79	90	92	97	91	87	73	54	46	97
MEAN DAILY MAX	1	16	19	30	48	62	69	73	69	57	43	30	21	45
MEAN	1	12	13	25	42	55	62	65	62	51	39	28	18	39
MEAN DAILY MIN	1	6	7	18	34	46	52	57	53	44	33	24	13	32
EXTREME MIN	1	-38	-35	-20	7	25	30	38	34	25	1	-16	-41	-41
# DAYS GE 90	1	0	0	0	0	#	#	1	#	0	0	0	0	1
# DAYS LE 32	1	29	27	27	13	2	#	0	0	2	14	23	26	164
# DAYS LE 0	1	11	9	3	0	0	0	0	0	0	0	1	6	30
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.5	1.5	1.3	1.3	1.7	2.4	2.6	2.5	2.2	2.2	2.1	1.9	23.2
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	26	20	16	13	12	12	12	11	14	17	22	25	199
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	22	17	12	5	#	#	0	0	#	6	15	21	98
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (4 LST)	1	83	83	85	82	80	84	88	89	89	86	87	84	85
RH (16 LST)	1	79	73	66	56	47	52	55	56	64	71	82	81	65
VAPOR PRESS	1	.08	.07	.11	.19	.28	.38	.45	.41	.30	.20	.14	.10	.23
DEWPOINT	1	7	8	19	31	41	50	55	52	44	33	24	14	32
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	S	SS	S	S	SS	\$N	\$W	\$W	\$W	S	SW	S	SS
MEAN SPEED														
(PVLG DRCTN)	1	10	10	9	9	8	9	8	8	9	9	11	10	9
MEAN SPEED														
(ALL OBS)	1	9	8	8	8	8	7	6	6	7	9	9	9	8
MAX PEAK GUST	1	33	0	0	0	23	0	0	0	0	0	0	0	33
PRESSURE ALT	1	1590	1350	1350	1250	930	900	960	910	990	1130	1450	1280	1590
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	5	5	5	5	5	5	5	5	6	7	7	6
DAYS TSTMS	1	#	#	#	1	3	7	7	5	1	#	#	#	25
DAYS FOG LT 7	1	14	14	15	10	9	11	15	15	16	14	14	11	159
DAYS BNBD LT 7	1	#	#	0	#	#	0	#	#	#	0	0	#	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(GORKIY, RUSSIA)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, DEC 58 - OCT 87, THREE HOURLY.
2. NATIONAL INTELLIGENCE SURVEY, JAN 60, 25 YEARS OF RECORD.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	71	64	48	30	23	23	29	29	40	55	77	76	47
03-05 LST	74	70	57	40	31	30	41	41	49	61	75	76	54
06-08 LST	76	75	62	40	29	27	36	44	55	63	77	79	55
09-11 LST	77	72	57	34	21	20	25	32	43	61	75	76	50
12-14 LST	69	58	46	29	19	17	19	20	35	58	73	71	43
15-17 LST	65	52	38	24	14	13	13	13	26	49	71	68	37
18-20 LST	68	53	35	23	12	11	10	13	23	50	72	74	37
21-23 LST	73	61	45	26	15	13	16	19	31	51	75	75	42
ALL HOURS	72	63	49	31	20	19	24	26	38	56	74	74	46

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	63	56	39	24	18	20	25	25	32	41	63	68	40
03-05 LST	65	61	46	32	27	26	38	39	43	47	63	67	46
06-08 LST	69	68	53	35	21	22	31	39	49	52	65	70	48
09-11 LST	70	65	48	24	13	13	19	24	34	49	62	68	41
12-14 LST	64	53	35	18	8	7	9	10	18	39	58	64	32
15-17 LST	56	44	26	14	7	6	5	6	11	31	55	60	27
18-20 LST	60	47	24	15	6	6	6	8	14	34	57	64	28
21-23 LST	64	51	35	19	10	9	12	14	23	37	59	65	33
ALL HOURS	64	55	38	23	14	14	18	21	28	41	60	66	37

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	35	22	15	10	10	15	17	21	27	42	43	25
03-05 LST	43	41	29	19	17	17	24	27	29	33	41	45	30
06-08 LST	46	47	36	21	14	11	19	27	36	35	44	47	32
09-11 LST	47	43	32	16	6	6	10	15	21	30	44	48	27
12-14 LST	38	31	17	12	3	4	4	4	9	23	35	43	18
15-17 LST	31	23	15	9	3	2	1	2	6	18	30	37	15
18-20 LST	32	24	12	8	3	2	2	3	7	22	35	41	16
21-23 LST	39	28	20	12	5	4	5	6	14	24	36	41	20
ALL HOURS	40	34	23	14	8	7	10	13	18	26	38	43	23

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	2	3	1	2	3	4	5	5	4	3	3
03-05 LST	2	3	2	2	2	4	5	8	8	6	4	4	4
06-08 LST	3	4	4	3	1	1	2	5	8	5	4	5	4
09-11 LST	4	5	3	1	#	#	#	1	2	4	4	4	2
12-14 LST	3	4	1	#	0	#	#	#	#	1	3	4	1
15-17 LST	2	2	1	1	#	#	#	#	#	1	3	2	1
18-20 LST	2	1	1	#	#	0	0	1	1	1	3	3	1
21-23 LST	2	3	1	2	#	#	1	1	1	4	5	2	2
ALL HOURS	2	3	2	2	1	1	1	2	3	3	4	3	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: GORKIY, RUSSIA
 LOCATION: 5613N 4350E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 275530
 ELEVATION (FEET): 269
 PERIOD: 5812-8710

ICAO:
 LST = GMT + 4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	1	1	1	1	0	0	#	#
03-05 LST	#	0	0	0	0	1	1	1	#	0	0	#	#
06-08 LST	#	0	0	0	#	#	#	#	0	0	0	#	#
09-11 LST	0	0	#	#	#	1	1	1	0	0	0	#	#
12-14 LST	0	#	0	#	1	3	3	1	#	0	0	0	1
15-17 LST	0	0	0	#	2	3	6	2	1	0	0	0	1
18-20 LST	0	#	0	#	2	3	4	4	1	#	0	0	1
21-23 LST	0	0	0	#	1	1	2	2	1	0	0	#	1
ALL HOURS	#	#	#	#	1	2	2	2	#	#	0	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	3	9	11	7	6	7	12	12	9	5	7
03-05 LST	3	2	2	9	10	5	7	7	11	13	9	6	7
06-08 LST	2	2	2	8	9	7	7	8	11	14	9	5	7
09-11 LST	3	1	3	8	8	8	7	7	9	15	7	5	7
12-14 LST	3	1	3	9	9	9	9	8	9	13	8	6	7
15-17 LST	2	1	3	8	9	9	10	9	11	13	9	5	7
18-20 LST	3	2	3	8	9	7	8	8	10	14	11	6	7
21-23 LST	3	2	2	8	9	8	7	8	12	12	11	5	7
ALL HOURS	3	2	3	8	9	8	8	8	10	13	9	5	7

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	47	38	18	6	#	0	0	0	#	8	27	43	16
03-05 LST	50	41	19	8	1	#	0	0	#	9	28	42	16
06-08 LST	47	41	23	7	#	#	0	0	#	12	27	41	16
09-11 LST	44	35	19	7	#	0	0	0	#	9	27	38	15
12-14 LST	40	28	13	5	#	0	0	0	#	8	25	36	13
15-17 LST	34	28	14	5	0	0	0	0	#	7	21	34	12
18-20 LST	39	28	13	4	0	0	0	0	#	8	23	37	13
21-23 LST	44	31	14	5	1	0	0	0	#	8	23	40	14
ALL HOURS	43	34	17	6	#	#	0	0	#	9	25	39	14

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	#	#	0	0	0	0	#	0	1	#
03-05 LST	#	#	#	#	#	0	0	0	0	#	1	#	#
06-08 LST	#	#	1	#	#	0	0	0	0	1	#	1	#
09-11 LST	1	0	#	1	1	0	#	0	1	1	1	1	1
12-14 LST	1	1	1	1	1	#	#	0	#	1	#	1	1
15-17 LST	1	#	#	#	#	#	#	#	0	#	#	0	#
18-20 LST	#	#	1	0	0	#	0	0	0	1	#	#	#
21-23 LST	#	#	1	1	0	#	0	0	0	1	#	#	#
ALL HOURS	#	#	1	#	#	#	#	#	#	1	#	1	#

(GORKIY, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, DEC 58 - OCT 87, THREE HOURLY.
2. NATIONAL INTELLIGENCE SURVEY, JAN 60, 25 YEARS OF RECORD.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	33	21	13	9	8	14	16	20	24	34	38	22
03-05 LST	37	37	27	17	16	16	23	26	27	29	37	39	28
06-08 LST	41	43	33	19	12	10	18	26	33	32	39	42	29
09-11 LST	42	41	31	14	5	6	9	13	18	27	38	44	24
12-14 LST	34	29	15	10	3	3	3	3	6	20	30	39	16
15-17 LST	28	20	13	7	2	2	1	1	5	16	25	31	13
18-20 LST	28	23	11	7	3	2	2	3	6	19	30	35	14
21-23 LST	34	26	18	11	5	4	5	6	13	21	32	36	17
ALL HOURS	35	32	21	12	7	6	9	12	16	24	33	38	20

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	23	15	9	6	7	9	11	13	15	21	23	14
03-05 LST	25	26	18	12	11	12	16	20	21	18	22	26	19
06-08 LST	29	32	24	13	6	5	11	17	22	22	24	28	19
09-11 LST	31	30	19	8	2	3	3	7	10	17	24	28	15
12-14 LST	23	20	9	5	1	1	2	1	4	12	17	26	10
15-17 LST	20	14	9	4	1	1	1	#	3	10	16	18	8
18-20 LST	19	15	8	3	1	1	1	1	4	11	19	22	9
21-23 LST	22	18	10	6	3	1	2	3	7	13	19	21	10
ALL HOURS	24	22	14	8	4	4	6	8	10	15	20	24	13

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	8	7	5	2	4	5	7	9	8	9	8	6
03-05 LST	9	11	7	5	6	7	9	12	13	9	9	9	9
06-08 LST	12	12	10	6	3	2	4	10	13	10	11	10	9
09-11 LST	14	16	7	4	1	1	1	3	5	9	9	13	7
12-14 LST	9	10	3	3	0	#	1	#	1	5	8	11	4
15-17 LST	7	7	3	2	#	#	#	#	1	4	8	7	3
18-20 LST	8	6	3	1	1	#	0	1	2	4	8	8	3
21-23 LST	9	7	4	3	1	1	2	2	3	7	8	9	5
ALL HOURS	9	10	5	4	2	2	3	4	6	7	9	9	6

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	1	1	1	2	2	4	2	2	1	2
03-05 LST	1	2	1	2	2	3	3	6	5	3	1	1	2
06-08 LST	1	2	2	1	#	1	1	3	5	3	1	2	2
09-11 LST	1	1	2	1	#	#	#	#	1	1	1	2	1
12-14 LST	1	1	1	#	0	#	#	#	#	1	#	1	1
15-17 LST	#	1	#	#	#	#	#	#	#	#	1	1	#
18-20 LST	#	1	#	#	0	0	0	#	1	#	1	1	#
21-23 LST	#	1	1	1	#	#	#	#	1	1	2	1	1
ALL HOURS	1	1	1	1	#	1	1	1	2	1	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: INGA-IN-IRKUT
LOCATION: 52°58'N, 101°60'E
PREPARED BY: USAFETAC/ECR, MAY 1988

STATION #: 307030
ELEVATION (FEET): 1772
PERIOD: 7301-8612

ICAO ID: NONE
LST = GMT +8

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)															
EXTREME MAX	1	43	47	61	88	92	94	95	94	85	77	59	43	95	
MEAN DLY MAX	1	5	13	28	42	58	69	71	66	57	40	23	8	40	
MEAN	1	-8	-2	14	32	46	58	62	56	45	28	11	-4	28	
MEAN DLY MIN	1	-20	-18	-4	18	33	44	50	45	33	16	-2	-16	15	
EXTREME MIN	1	-59	-56	-48	-39	2	19	27	23	4	-33	-50	-58	-59	
# DAYS > 90	1	0	0	0	0	#	#	#	#	0	0	0	0	0	
# DAYS ≥ 32	1	31	28	30	28	16	2	#	1	15	29	30	31	241	
# DAYS ≤ 0	1	29	27	21	3	0	0	0	0	0	3	19	28	129	
2. PRECIPITATION (INCHES)															
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#	
MEAN	2	.51	.43	.55	.01	1.54	3.15	4.21	3.82	1.81	.95	.79	.67	19.33	
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#	
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#	
# DAYS > 0.04	2	12	11	10	10	12	14	15	15	13	11	12	14	148	
# DAYS ≥ 0.5	2	0	#	0	#	1	3	3	3	1	#	1	0	11	
3. SNOWFALL (INCHES)															
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#	
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#	
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#	
# DAYS > 0.1		#	#	#	#	#	#	#	#	#	#	#	#	#	
# DAYS ≥ 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#	
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)															
RH (05 LST)	1	82	82	85	84	86	93	95	97	95	87	83	82	87	
RH (17 LST)	1	72	57	45	41	38	48	57	59	52	55	66	76	56	
VAPOR PRESS	1	.03	.04	.06	.11	.18	.33	.42	.37	.24	.12	.07	.04	.17	
DEWPOINT	1	-12	-8	4	18	31	46	53	49	38	20	5	-8	20	
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)															
PVLG DRCN	1	\$NE	\$NE	\$NE	\$NW	\$NW	\$NW	\$NE	\$SW	\$NW	\$NW	\$NW	\$NW	\$NW	
MEAN SPEED															
(PVLG DRCN)	1	3	5	5	12	11	9	5	3	8	9	8	6	7	
MEAN SPEED															
(ALL OBS)	1	1	2	3	5	5	4	3	3	3	3	2	1	3	
MAX (PK GST)	1	#	#	#	#	#	#	#	#	#	#	#	#	#	
PRESSURE ALT	1	2650	2450	2250	2800	2870	2950	3020	2510	2530	2420	2260	2420	3020	
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)															
CLD COVER	1	#	#	#	#	#	#	#	#	#	#	#	#	#	
DAYS TSMS	1	#	#	#	#	1	7	8	7	1	0	#	#	25	
DAYS FOG < 7	1	4	5	4	2	3	3	6	12	8	3	1	2	53	
DAYS BNBD < 7	1	0	0	0	0	#	#	#	0	0	0	0	0	0	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	17	21	26	33	29	32	45	32	32	29	18	28
03-05 LST	21	17	24	27	36	35	38	59	39	32	27	21	31
06-08 LST	24	21	26	28	31	33	40	54	45	37	28	21	32
09-11 LST	33	33	29	35	37	32	34	32	26	25	24	23	30
12-14 LST	28	28	35	38	45	40	40	33	31	28	22	20	32
15-17 LST	25	24	28	31	42	38	37	31	27	29	26	23	30
18-20 LST	24	19	20	23	33	32	33	33	27	32	24	21	27
21-23 LST	23	17	16	21	32	27	35	32	26	31	25	18	25
ALL HOURS	25	22	25	28	36	33	36	40	31	31	26	21	29

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	14	15	12	9	6	15	20	12	17	16	12	14
03-05 LST	19	15	14	10	11	13	21	36	20	15	17	15	17
06-08 LST	22	16	18	15	17	17	26	35	29	18	16	14	20
09-11 LST	30	30	25	20	16	16	19	14	12	14	17	17	19
12-14 LST	26	24	23	17	13	15	16	10	9	12	13	15	16
15-17 LST	21	20	16	12	10	12	15	11	6	10	12	14	13
18-20 LST	19	15	13	10	8	11	11	7	8	13	14	14	12
21-23 LST	19	14	9	6	9	5	11	11	8	15	16	13	11
ALL HOURS	22	18	17	13	12	12	17	18	13	14	15	14	15

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	5	5	7	2	1	7	13	8	7	7	4	6
03-05 LST	6	3	5	6	4	7	13	29	15	7	8	3	9
06-08 LST	8	6	9	7	6	5	12	27	21	10	9	5	10
09-11 LST	11	8	8	7	3	1	3	4	5	7	8	7	6
12-14 LST	7	4	7	6	3	2	2	1	2	4	6	5	4
15-17 LST	5	6	5	4	1	1	2	1	1	4	5	4	3
18-20 LST	7	4	4	3	1	1	1	2	3	5	7	6	4
21-23 LST	7	4	4	5	3	1	3	4	3	7	7	4	4
ALL HOURS	7	5	6	6	3	2	6	10	7	6	7	5	6

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	2	1	1	5	12	6	3	2	0	3
03-05 LST	1	1	1	3	2	5	11	27	14	4	2	#	6
06-08 LST	2	1	2	3	2	4	9	22	19	5	3	1	6
09-11 LST	3	1	2	2	1	0	1	1	3	2	1	2	2
12-14 LST	1	1	2	2	1	1	#	#	#	1	1	2	1
15-17 LST	1	1	1	1	#	#	#	#	#	2	2	1	1
18-20 LST	1	1	1	1	0	#	0	0	0	2	1	1	1
21-23 LST	1	1	1	3	1	#	1	3	1	2	1	#	1
ALL HOURS	1	1	1	2	1	1	3	8	5	3	2	1	3

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: INGA-IN-IRKUT
LOCATION: 52°58'N, 101°60'E
PREPARED BY: USAFETAC/ECR, MAY 1988

STATION #: 307030
ELEVATION (FEET): 1772
PERIOD: 7301-8612

ICAO ID: NONE
LST = GMT +8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	2	3	2	#	0	0	0	1
03-05 LST	0	0	0	0	0	1	1	1	#	0	0	0	#
06-08 LST	0	0	0	0	0	#	1	1	1	0	0	#	#
09-11 LST	0	0	0	0	0	#	0	0	#	0	0	0	#
12-14 LST	0	0	0	0	#	3	3	2	#	0	0	0	1
15-17 LST	0	#	#	0	#	7	9	6	1	0	0	0	2
18-20 LST	0	0	#	0	1	5	5	3	0	0	0	0	1
21-23 LST	0	0	#	0	0	4	6	3	1	0	0	0	1
ALL HOURS	0	#	#	0	#	3	3	2	#	0	0	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	3	11	14	12	18	12	4	#	#	6
03-05 LST	0	1	#	2	14	15	13	15	12	3	#	0	6
06-08 LST	0	#	#	3	11	14	15	14	12	3	#	0	6
09-11 LST	0	#	#	3	12	11	14	16	13	2	#	#	6
12-14 LST	0	#	1	3	10	14	14	14	10	3	#	#	6
15-17 LST	0	1	1	4	9	12	16	17	9	4	0	0	6
18-20 LST	0	1	#	3	10	14	11	15	13	5	#	0	6
21-23 LST	0	0	0	2	12	13	15	16	14	4	#	0	6
ALL HOURS	0	#	#	3	11	13	14	15	12	3	#	#	6

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	33	28	19	13	4	0	0	#	1	15	21	25	13
03-05 LST	34	28	21	13	5	0	0	0	1	14	21	26	14
06-08 LST	33	31	19	17	5	0	0	0	2	15	23	26	14
09-11 LST	32	33	23	17	4	0	#	0	1	14	22	29	15
12-14 LST	24	21	16	12	4	1	0	#	2	10	18	22	11
15-17 LST	20	16	12	9	4	0	0	0	#	11	15	17	9
18-20 LST	27	19	10	7	2	0	0	0	1	11	18	20	9
21-23 LST	35	28	13	7	4	0	0	0	1	13	17	25	12
ALL HOURS	30	25	17	12	4	#	#	#	1	13	20	24	12

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	1	3	3	1	1	#	1	2	#	0	1
03-05 LST	0	#	1	2	1	1	0	#	1	1	1	0	1
06-08 LST	0	#	1	1	1	0	#	0	0	#	0	0	#
09-11 LST	0	0	1	2	2	#	0	0	1	0	0	0	1
12-14 LST	#	1	1	3	2	1	0	#	1	1	0	1	1
15-17 LST	0	0	2	2	2	1	0	0	1	1	#	0	1
18-20 LST	#	1	0	1	2	1	#	0	1	#	#	0	1
21-23 LST	0	0	1	2	1	1	0	0	1	1	1	#	1
ALL HOURS	#	#	1	2	2	1	#	#	1	1	#	#	1

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	5	5	7	2	1	7	13	8	7	7	4	6
03-05 LST	6	3	5	7	4	7	13	29	15	7	8	3	9
06-08 LST	8	6	9	7	5	5	12	27	21	10	9	5	10
09-11 LST	11	8	8	6	3	1	2	4	5	7	8	7	6
12-14 LST	7	4	7	6	3	2	2	1	2	4	6	5	4
15-17 LST	5	6	5	4	1	1	2	1	1	4	5	4	3
18-20 LST	7	4	4	3	1	1	1	1	2	5	7	6	4
21-23 LST	7	4	4	4	3	1	3	4	3	7	7	4	4
ALL HOURS	7	5	6	6	3	2	5	10	7	6	7	5	6

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	5	5	6	2	1	7	13	8	7	7	4	6
03-05 LST	6	3	5	7	4	7	12	29	15	7	8	3	9
06-08 LST	8	6	9	7	5	5	12	27	21	10	9	5	10
09-11 LST	11	8	8	6	2	1	2	4	5	6	8	7	6
12-14 LST	7	4	7	6	3	2	1	1	2	4	6	5	4
15-17 LST	5	6	5	4	1	1	2	1	1	4	5	4	3
18-20 LST	7	4	4	3	1	1	1	1	2	5	7	6	3
21-23 LST	7	4	4	4	3	1	3	4	3	7	7	4	4
ALL HOURS	7	5	6	5	3	2	5	10	7	6	7	5	6

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	3	1	1	6	12	7	4	2	1	3
03-05 LST	1	1	2	3	2	5	12	27	14	4	3	2	6
06-08 LST	2	1	4	3	2	4	10	24	21	6	4	2	7
09-11 LST	3	2	3	3	1	0	1	1	3	4	2	3	2
12-14 LST	2	2	2	2	1	1	1	#	#	1	2	2	1
15-17 LST	1	2	2	2	#	1	#	#	#	2	2	1	1
18-20 LST	2	1	1	2	0	1	0	0	0	3	2	1	1
21-23 LST	1	1	2	3	1	#	1	3	1	4	2	1	2
ALL HOURS	2	1	2	3	1	2	4	9	6	4	2	2	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	#	0	#	3	6	4	2	1	0	1
03-05 LST	0	0	0	0	1	3	5	14	8	2	1	0	3
06-08 LST	#	#	#	1	1	2	4	13	14	4	1	#	3
09-11 LST	1	0	0	1	#	0	#	1	2	1	1	#	1
12-14 LST	0	0	1	#	#	1	0	#	#	#	#	#	#
15-17 LST	0	1	0	1	0	#	0	0	#	1	#	#	#
18-20 LST	#	#	#	#	0	#	0	0	0	1	1	0	#
21-23 LST	#	0	#	1	1	#	0	1	1	1	1	0	#
ALL HOURS	#	#	#	0	#	1	2	4	4	1	1	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: IRKUTSK-IN-IRKUT
LOCATION: 52°16'N, 104°22'E
PREPARED BY: USAFETAC/ECR, JUN 1988

STATION #: 307100
ELEVATION (FEET): 1,591
PERIOD: 7301-8612

ICAO ID: UIII
LST - GMT +8

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	36	48	61	84	91	95	97	93	84	79	64	54	97
MEAN DLY MAX	1	4	11	27	42	58	70	72	68	58	40	24	9	40
MEAN	1	-4	0	16	33	47	59	62	58	47	31	15	1	30
MEAN DLY MIN	1	-13	-11	-2	22	34	46	51	47	35	20	5	-8	19
EXTREME MIN	1	-45	-41	-28	-23	-17	-26	32	30	20	-16	-29	-44	-45
# DAYS > 90	1	0	0	0	0	0	1	2	0	0	0	0	0	3
# DAYS ≥ 32	1	31	28	31	29	13	1	0	0	11	29	30	31	234
# DAYS ≤ 0	1	28	25	13	1	0	0	0	0	0	2	10	23	102
2. PRECIPITATION (INCHES)														
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	.43	.32	.35	.63	1.26	2.76	3.62	3.35	1.73	.83	.67	.63	16.54
MINIMUM		0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.01	2	13	9	8	7	10	13	14	15	12	9	12	15	137
# DAYS ≥ 0.5	2	0	0	0	0	1	2	3	3	1	0	0	0	10
3. SNOWFALL (INCHES)														
MEAN		0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1		0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 1.5		0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)														
RH (05 LST)	1	85	85	85	83	80	89	94	94	93	88	87	87	88
RH (17 LST)	1	78	66	56	45	38	46	57	57	54	57	72	81	59
VAPOR PRESS	1	.04	.04	.07	.12	.18	.32	.43	.38	.25	.14	.08	.05	.17
DEWPOINT	1	-7	-4	8	21	30	45	53	50	39	23	10	-1	22
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLC DRCTN	1	E	E	E	NW	NW	S	NW	NW	E	E	E	E	E
MEAN SPEED		4	4	4	12	12	7	9	9	4	5	5	4	7
(PVLC DRCTN)	1													
MEAN SPEED														
(ALL OBS)	1	5	5	6	8	8	7	5	5	6	6	6	4	6
MAX (PK GST)		0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	2300	2350	2100	2290	2400	2780	2670	2490	2570	2330	2050	2050	2780
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER		0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS TSTMS	1	15	9	5	2	2	5	12	15	11	0	14	20	117
DAYS FOG < 7	1	0	0	0	0	1	0	0	0	0	0	0	0	2
DAYS BNBD < 7	1													
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	33	19	8	12	11	15	25	25	25	20	33	43	23
03-05 LST	35	18	11	15	17	25	43	41	33	24	41	44	29
06-08 LST	36	25	18	19	18	25	41	47	43	32	44	45	33
09-11 LST	46	30	16	16	17	20	27	32	28	30	42	53	30
12-14 LST	41	26	12	11	10	14	21	19	19	21	32	45	23
15-17 LST	41	21	7	8	7	8	16	14	13	15	29	50	19
18-20 LST	37	20	7	6	8	8	14	13	13	14	29	48	18
21-23 LST	34	19	8	8	10	9	16	15	15	17	33	44	19
ALL HOURS	38	22	11	12	12	15	25	26	24	22	35	46	24

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	18	7	10	8	12	24	22	20	16	29	40	20
03-05 LST	33	18	10	11	12	22	42	38	31	19	37	42	26
06-08 LST	35	24	17	14	14	21	39	44	39	26	40	43	30
09-11 LST	46	30	14	12	11	14	23	24	24	23	39	51	26
12-14 LST	40	26	10	7	7	8	13	12	12	14	29	44	18
15-17 LST	40	20	6	3	4	4	11	8	6	10	26	49	16
18-20 LST	37	20	6	4	5	6	10	8	8	11	26	47	16
21-23 LST	33	19	8	6	7	6	13	11	11	14	29	42	17
ALL HOURS	37	22	10	8	8	12	22	21	19	16	32	45	21

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	11	5	6	4	9	20	19	13	11	23	29	14
03-05 LST	17	11	6	8	10	19	34	31	25	13	27	29	19
06-08 LST	21	13	12	9	11	13	33	38	30	19	32	32	22
09-11 LST	28	14	9	7	6	9	15	15	15	16	29	35	17
12-14 LST	22	12	6	4	3	5	7	8	4	9	18	30	11
15-17 LST	21	9	4	2	2	2	8	5	4	6	17	36	10
18-20 LST	22	9	5	2	3	3	6	6	5	8	16	32	10
21-23 LST	20	10	4	3	4	5	11	8	7	10	22	29	11
ALL HOURS	21	11	6	5	5	8	17	16	13	12	23	32	14

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	2	1	1	3	7	7	4	2	11	10	4
03-05 LST	2	1	1	1	2	8	13	16	9	4	12	9	7
06-08 LST	3	2	3	2	1	3	10	16	11	6	12	10	7
09-11 LST	4	2	2	1	0	0	1	1	2	5	8	8	3
12-14 LST	2	1	1	1	1	0	0	0	0	1	1	4	1
15-17 LST	2	1	1	0	0	0	0	0	0	1	1	4	1
18-20 LST	3	1	0	0	0	0	0	0	0	1	2	7	1
21-23 LST	3	2	1	1	0	0	1	1	1	2	9	9	3
ALL HOURS	3	1	1	1	1	2	4	5	3	3	7	8	3

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: IRKUTSK-IN-IRKUT
LOCATION: 52°16'N, 104°22'E
PREPARED BY: USAFETAC/ECR, JUN 1988

STATION #: 307100
ELEVATION (FEET): 1,591
PERIOD: 7301-8612

ICAO ID: UIII
LST - GMT +8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	2	1	#	0	0	0	#
03-05 LST	0	0	0	0	0	1	1	1	#	0	0	0	#
06-08 LST	0	0	0	0	0	#	#	#	0	0	#	0	#
09-11 LST	#	0	0	0	0	0	0	#	0	0	0	0	#
12-14 LST	0	0	0	0	0	#	#	1	0	0	0	0	#
15-17 LST	0	0	0	0	#	2	4	1	#	0	0	0	1
18-20 LST	0	0	0	0	1	1	4	3	0	0	0	0	1
21-23 LST	0	0	0	0	#	2	1	2	#	0	0	0	1
ALL HOURS	#	0	0	0	#	1	2	1	#	0	#	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	3	7	12	13	8	10	2	0	#	5
03-05 LST	#	1	#	3	9	12	14	12	11	1	#	0	5
06-08 LST	0	#	#	3	8	12	14	13	11	2	0	#	5
09-11 LST	0	0	#	3	7	12	13	13	11	2	#	1	5
12-14 LST	#	0	#	2	5	9	11	10	6	1	#	#	4
15-17 LST	0	0	#	2	6	8	12	7	9	2	#	#	4
18-20 LST	#	0	#	4	7	9	11	9	8	3	#	0	4
21-23 LST	0	#	#	3	7	11	12	10	9	3	0	1	5
ALL HOURS	#	#	#	3	7	11	12	10	9	2	#	#	5

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	11	9	7	2	0	0	0	2	9	15	17	8
03-05 LST	21	14	10	8	3	0	0	0	2	10	16	18	8
06-08 LST	25	21	11	7	5	0	0	0	1	12	19	19	10
09-11 LST	24	18	14	9	4	0	0	0	1	10	19	22	10
12-14 LST	17	12	11	7	3	0	0	0	1	9	16	19	8
15-17 LST	14	8	6	3	2	0	0	0	0	6	11	14	5
18-20 LST	12	8	4	2	1	0	0	0	#	6	13	16	5
21-23 LST	15	12	6	4	1	0	0	0	#	9	14	18	7
ALL HOURS	19	13	9	6	2	0	0	0	1	9	15	18	8

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	1	#	#	#	0	#	#	#	#	#
03-05 LST	0	#	1	1	#	#	0	#	#	#	#	#	#
06-08 LST	#	1	#	#	0	#	0	0	0	0	0	0	#
09-11 LST	#	1	1	2	#	1	#	#	#	#	#	#	#
12-14 LST	0	0	#	1	#	#	0	#	0	#	0	0	#
15-17 LST	#	0	0	1	#	0	#	0	0	#	0	0	#
18-20 LST	0	#	0	#	1	0	#	#	1	#	0	#	#
21-23 LST	0	0	#	#	1	#	#	#	#	1	#	#	#
ALL HOURS	#	#	#	1	#	#	#	#	#	#	#	#	#

REMARKS: * - DATA NOT AVAILABLE, # = 0.0 < 0.5, MI - STATUTE MILES
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	11	5	5	3	9	18	16	12	10	22	29	13
03-05 LST	17	11	6	7	9	17	32	30	22	12	27	29	18
06-08 LST	21	13	12	8	9	11	31	35	27	19	30	32	21
09-11 LST	28	14	9	7	5	7	13	12	13	14	27	35	15
12-14 LST	22	12	6	4	3	3	7	7	3	8	17	30	10
15-17 LST	21	9	4	2	2	1	6	4	3	5	17	35	9
18-20 LST	22	9	5	2	2	3	5	5	4	8	15	32	9
21-23 LST	20	10	4	3	3	5	9	7	6	9	22	29	11
ALL HOURS	21	11	6	5	4	7	15	15	11	10	22	31	13

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	10	4	3	1	7	14	13	8	6	20	25	11
03-05 LST	12	8	5	4	5	13	27	23	16	10	25	25	14
06-08 LST	14	7	7	5	3	7	22	28	20	15	24	24	15
09-11 LST	18	8	6	6	3	2	7	5	4	11	21	24	10
12-14 LST	13	7	4	3	2	1	4	3	1	5	11	18	6
15-17 LST	16	5	3	#	1	#	3	2	1	3	11	26	6
18-20 LST	17	5	3	1	1	1	3	2	2	4	13	24	6
21-23 LST	15	8	4	2	1	2	6	4	5	6	19	24	8
ALL HOURS	15	7	4	3	2	4	11	10	7	8	18	24	9

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	3	2	1	3	10	9	5	4	14	16	7
03-05 LST	5	4	3	3	3	9	18	20	13	7	19	15	10
06-08 LST	6	4	5	4	2	4	14	21	15	12	17	14	10
09-11 LST	11	5	5	4	1	#	3	2	3	7	16	16	6
12-14 LST	7	3	3	2	1	#	1	2	#	2	6	12	3
15-17 LST	10	2	2	#	1	#	#	1	1	3	7	17	4
18-20 LST	7	2	2	#	#	1	2	1	8	2	8	13	3
21-23 LST	7	3	3	2	1	#	3	3	3	4	13	14	5
ALL HOURS	8	3	3	2	1	2	6	7	5	5	13	15	6

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	#	#	#	3	5	6	3	1	5	6	3
03-05 LST	1	1	1	0	2	7	11	13	6	3	5	5	5
06-08 LST	2	1	2	1	1	1	6	13	9	4	6	6	4
09-11 LST	2	1	1	#	0	0	1	1	2	3	5	3	2
12-14 LST	1	1	0	#	#	#	#	#	0	0	1	#	#
15-17 LST	#	#	0	0	#	#	0	#	#	#	#	1	#
18-20 LST	1	#	#	0	#	#	#	#	0	1	1	3	1
21-23 LST	1	1	1	#	#	0	1	1	1	1	4	5	1
ALL HOURS	1	1	1	#	1	2	3	4	3	2	3	4	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KALININGRAD, RUSSIA
 LOCATION: 5442N 2038E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 267020
 ELEVATION (FEET): 89
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 3

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	50	60	72	86	87	91	90	92	85	75	61	52	92
MEAN DAILY MAX	1	31	32	40	50	62	67	69	69	61	52	41	35	51
MEAN	1	28	28	35	43	54	60	63	62	55	47	38	32	45
MEAN DAILY MIN	1	24	23	29	36	44	51	55	54	48	41	34	28	39
EXTREME MIN	1	-17	-12	-06	23	27	32	41	32	30	14	7	-10	-17
# DAYS GE 90	1	0	0	0	0	0	#	#	#	0	0	0	0	#
# DAYS LE 32	1	23	22	18	8	1	0	0	0	#	4	11	21	108
# DAYS LE 0	1	2	1	#	0	0	0	0	0	0	0	0	#	4
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.7	1.3	1.4	1.4	1.9	2.4	3.0	3.4	3.1	2.6	2.2	2.0	26.4
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	.8	.7	.7	1.4	1.7	1.7	1.9	4.3	1.8	2.2	1.6	.8	4.3
# DAYS GE 0.004	1	21	16	15	13	11	12	14	12	16	16	19	22	187
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	14	11	7	2	#	0	0	0	#	1	5	11	51
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (7 LST)	1	86	86	86	85	87	89	91	91	90	89	87	87	88
RH (16 LST)	1	81	77	68	58	54	58	60	59	65	71	80	83	68
VAPOR PRESS	1	.14	.14	.17	.21	.30	.38	.44	.43	.35	.28	.21	.16	.27
DEWPOINT	1	24	23	28	34	43	50	54	54	48	41	34	28	38
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCIN	1	SW	W	SE	W	N	W	W	W	W	W	SW	WSW	W
MEAN SPEED														
(PVLG DRCIN)	1	7	8	6	7	5	6	6	6	6	6	6	8	6
MEAN SPEED														
(ALL OBS)	1	7	6	6	6	5	5	5	4	5	5	6	6	6
MAX PEAK GUST	1	47	47	41	31	23	0	0	23	33	35	37	37	47
PRESSURE ALT	1	1200	1310	1110	1200	1020	1030	900	830	880	1100	1300	1350	1350
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	5	5	4	5	5	5	5	5	6	6	5
DAYS TSIMS	1	#	#	#	1	4	5	4	4	2	1	#	#	22
DAYS FOG LT 7	1	28	26	28	26	26	26	28	29	28	29	28	29	329
DAYS BNBD LT 7	1	#	#	0	0	0	#	#	#	#	#	#	0	1

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(KALININGRAD, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCIN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 60, 23-80 YEARS OF RECORD.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	71	63	50	37	30	31	32	35	45	54	66	72	49
03-05 LST	73	63	52	43	33	37	40	43	52	59	69	71	53
06-08 LST	72	65	56	53	78	84	90	78	54	57	71	70	69
09-11 LST	73	79	87	77	58	60	73	82	87	90	86	73	77
12-14 LST	90	83	66	47	33	37	46	38	56	73	85	89	62
15-17 LST	83	68	52	42	29	37	38	31	42	54	76	83	53
18-20 LST	80	69	49	34	25	31	30	26	36	51	77	72	48
21-23 LST	72	58	45	39	30	32	33	36	45	52	66	72	48
ALL HOURS	77	69	57	47	40	44	48	46	52	61	75	75	57

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	55	48	36	27	22	21	22	24	31	41	51	57	36
03-05 LST	56	51	39	32	26	27	29	35	37	44	52	57	40
06-08 LST	55	51	43	45	76	82	87	72	40	44	56	56	59
09-11 LST	57	71	84	73	55	57	67	79	84	87	75	58	71
12-14 LST	86	80	61	36	23	25	29	28	45	66	79	84	54
15-17 LST	78	63	44	25	15	18	17	16	26	42	66	78	41
18-20 LST	72	64	41	24	16	17	16	16	26	43	68	58	38
21-23 LST	56	44	34	32	24	26	25	32	33	34	47	58	37
ALL HOURS	64	59	48	37	32	34	36	38	40	50	62	63	47

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	34	26	22	13	7	8	7	8	13	21	27	37	19
03-05 LST	34	31	22	17	11	10	12	14	14	24	29	34	21
06-08 LST	34	33	26	23	20	21	22	22	21	27	30	35	26
09-11 LST	33	37	34	26	13	12	13	16	21	36	36	35	26
12-14 LST	40	33	24	13	8	6	5	5	8	22	31	39	19
15-17 LST	32	25	19	8	3	5	4	3	6	12	26	38	15
18-20 LST	30	24	15	7	4	3	4	2	5	12	25	32	14
21-23 LST	35	24	19	9	4	5	4	3	7	18	27	36	16
ALL HOURS	34	29	23	15	9	9	9	9	12	21	29	36	19

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	3	1	1	1	1	1	1	4	2	4	2
03-05 LST	2	3	3	4	1	1	1	2	3	4	3	4	3
06-08 LST	3	4	5	4	4	4	4	4	3	5	4	3	4
09-11 LST	3	6	4	3	1	1	1	3	4	7	5	3	3
12-14 LST	3	4	3	1	#	0	1	0	#	2	3	3	2
15-17 LST	2	1	1	#	0	#	0	#	#	#	1	2	1
18-20 LST	1	3	1	#	#	0	#	#	0	#	2	2	1
21-23 LST	2	2	1	#	#	#	0	#	0	1	2	2	1
ALL HOURS	2	3	3	2	1	1	1	1	1	3	3	3	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KALININGRAD, RUSSIA
 LOCATION: 5442N 2038E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 267020
 ELEVATION (FEET): 89
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	#	2	1	1	2	#	1	0	0	1
03-05 LST	0	0	0	#	1	1	1	1	1	0	#	0	#
06-08 LST	0	0	0	#	#	#	1	1	#	#	#	0	#
09-11 LST	0	0	0	0	#	0	1	1	#	0	#	#	#
12-14 LST	#	#	0	0	#	#	1	#	#	0	0	#	#
15-17 LST	0	0	0	0	1	2	2	1	1	0	0	0	#
18-20 LST	#	0	0	0	3	3	3	2	#	#	0	0	1
21-23 LST	0	0	#	#	2	2	1	1	#	0	#	0	1
ALL HOURS	#	#	#	#	1	1	1	1	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	6	9	8	9	7	9	9	9	15	14	12	10
03-05 LST	8	7	9	11	5	7	10	7	10	15	15	10	10
06-08 LST	8	5	7	11	6	8	12	7	10	16	15	11	10
09-11 LST	8	6	8	10	7	10	11	8	10	14	15	12	10
12-14 LST	8	6	7	8	6	7	10	8	8	13	16	11	9
15-17 LST	8	6	8	9	5	10	9	7	10	11	14	15	9
18-20 LST	8	5	9	7	7	8	9	7	11	12	14	12	9
21-23 LST	9	6	11	9	7	7	7	6	10	15	13	13	9
ALL HOURS	8	6	9	9	7	8	10	7	10	14	15	12	10

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	13	7	2	#	#	0	0	0	#	5	14	5
03-05 LST	17	14	7	3	#	0	0	0	0	1	5	11	5
06-08 LST	16	12	8	3	1	0	0	0	#	0	5	10	4
09-11 LST	17	14	8	3	#	0	0	0	0	#	4	13	5
12-14 LST	17	17	8	3	1	0	0	0	0	1	5	15	5
15-17 LST	17	14	7	3	0	0	0	0	0	1	5	12	5
18-20 LST	13	12	7	2	0	0	0	0	0	#	3	11	4
21-23 LST	16	13	8	2	0	0	0	0	0	1	4	14	5
ALL HOURS	16	14	7	3	#	#	0	0	#	1	4	12	5

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	#	#	0	0	#	#	1	1	1	1
03-05 LST	3	2	2	#	0	#	#	#	#	1	1	2	1
06-08 LST	2	1	1	0	0	0	0	#	0	1	1	1	1
09-11 LST	3	2	1	0	#	0	0	0	#	1	1	1	1
12-14 LST	2	1	1	#	0	0	#	0	1	#	1	1	1
15-17 LST	2	2	2	1	0	0	#	#	1	1	1	2	1
18-20 LST	2	2	3	1	0	0	#	#	#	1	1	2	1
21-23 LST	2	2	3	0	0	#	#	0	1	1	1	2	1
ALL HOURS	2	2	2	#	#	#	#	#	#	1	1	1	1

(KALININGRAD, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	24	18	11	6	7	5	7	11	19	23	30	16
03-05 LST	29	26	20	15	10	9	10	13	13	21	26	29	18
06-08 LST	29	28	23	20	19	19	19	19	19	23	28	30	23
09-11 LST	30	32	32	24	11	10	11	14	20	33	31	29	23
12-14 LST	35	31	22	12	6	4	4	4	6	20	28	35	17
15-17 LST	27	22	16	6	3	3	2	2	4	10	21	31	12
18-20 LST	27	21	13	5	3	3	2	2	3	11	22	29	12
21-23 LST	29	21	17	7	3	3	3	3	6	15	24	32	14
ALL HOURS	29	26	20	13	8	7	7	8	10	19	25	31	17

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	13	13	7	3	3	2	5	6	13	14	20	10
03-05 LST	17	18	13	10	6	5	6	9	9	14	15	21	12
06-08 LST	16	17	14	13	17	17	17	17	13	17	18	19	16
09-11 LST	18	25	29	22	9	7	8	12	18	30	25	19	19
12-14 LST	30	28	20	9	4	3	3	2	5	16	23	31	14
15-17 LST	22	18	14	5	1	2	1	1	3	9	18	26	10
18-20 LST	23	18	12	3	1	1	1	1	2	8	16	20	9
21-23 LST	18	13	10	5	2	2	1	2	4	8	15	20	8
ALL HOURS	20	19	16	9	5	5	5	6	7	14	18	22	12

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	6	5	3	1	1	1	2	2	4	5	6	3
03-05 LST	5	7	6	4	2	2	2	4	4	6	5	7	4
06-08 LST	6	8	8	6	5	5	5	5	6	7	7	6	6
09-11 LST	6	9	9	5	2	2	2	4	6	9	9	6	6
12-14 LST	7	7	7	2	#	#	1	#	1	5	6	6	3
15-17 LST	5	4	3	#	#	1	0	#	1	1	3	4	2
18-20 LST	4	4	2	#	#	0	#	#	0	1	3	6	2
21-23 LST	6	4	4	#	1	#	#	1	#	3	4	6	2
ALL HOURS	6	6	5	3	2	1	1	2	2	5	5	6	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	2	1	1	1	#	1	1	2	2	2	1
03-05 LST	1	3	3	3	1	#	#	1	2	4	3	2	2
06-08 LST	3	4	3	3	3	3	3	3	2	4	3	2	3
09-11 LST	2	5	4	3	1	1	1	3	3	6	4	2	3
12-14 LST	3	3	3	1	#	0	#	0	#	2	3	2	2
15-17 LST	2	1	1	#	0	#	0	#	#	0	1	2	1
18-20 LST	1	2	1	0	#	0	#	#	0	#	2	1	1
21-23 LST	2	1	1	#	#	#	0	0	0	1	1	1	1
ALL HOURS	2	3	2	1	1	1	1	1	1	2	2	2	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KALMIKOV, RA
LOCATION: 4903N 5153E
PREPARED BY: USAFETAC/BCO, APR 1989

STATION #: 354060
ELEVATION (FEET): 13
PERIOD: 7301-8612

ICAO:
LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	73	72	72	86	96	111	109	107	97	86	72	68	111
MEAN DAILY MAX	1	20	19	33	60	75	83	87	83	72	52	37	27	54
MEAN	1	14	12	26	51	65	74	78	74	62	44	31	21	46
MEAN DAILY MIN	1	7	4	18	40	52	61	66	62	50	35	25	15	36
EXTREME MIN	1	-27	-26	-18	16	32	37	36	30	24	12	0	-20	-27
# DAYS GE 90	1	0	0	0	0	2	8	13	9	1	0	0	0	33
# DAYS LE 32	1	30	28	27	6	#	0	0	#	1	11	23	30	156
# DAYS LE 0	1	10	13	4	0	0	0	0	0	0	0	#	4	31
2. PRECIPITATION (INCHES)														
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	2	0.8	0.6	1.0	1.0	0.7	1.6	1.0	1.0	0.5	1.1	0.9	0.6	10.9
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	1	6	5	3	3	3	3	3	2	4	5	7	47	
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	5	4	2	#	#	#	0	#	1	3	5	20	
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (08 LST)	1	83	82	87	77	59	55	56	58	67	78	85	82	72
RH (14 LST)	1	79	78	73	44	31	30	32	31	37	55	75	78	54
VAPOR PRESS	1	.08	.07	.13	.21	.26	.33	.38	.35	.27	.19	.15	.10	.21
DEWPOINT	1	9	7	20	34	39	46	50	47	40	32	26	16	31
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCN	1	\$SE	\$E	\$E	\$E	\$E	\$W	\$W	\$N	\$W	\$W	\$SE	\$SE	\$E
MEAN SPEED														
(PVLG DRCN)	1	9	6	6	7	6	8	7	6	9	9	7	8	7
MEAN SPEED														
(ALL OBS)	1	6	6	5	6	5	6	5	5	5	5	6	5	
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	850	900	900	750	800	850	1200	1300	1050	950	600	1150	1300
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (ENBD)														
CLD COVER	1	5	4	4	4	3	4	3	3	3	4	5	5	4
DAYS TSMS	1	#	#	#	1	1	3	3	2	1	#	#	#	11
DAYS FOG LT 7	1	7	8	11	2	#	#	#	#	1	5	9	12	55
DAYS ENBD LT 7	1	#	#	#	#	1	2	2	2	2	1	#	#	10

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, PERIOD OF RECORD 5 YRS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	38	37	36	23	14	12	14	11	15	32	50	47	28
03-05 LST	40	42	39	25	14	13	12	11	17	28	46	48	28
06-08 LST	40	46	44	25	10	10	13	11	17	40	52	52	30
09-11 LST	43	41	36	20	11	10	10	12	15	35	53	52	28
12-14 LST	33	31	26	20	15	17	14	14	20	37	47	44	26
15-17 LST	36	30	25	25	17	19	16	15	21	39	50	46	28
18-20 LST	37	31	30	22	14	18	19	13	23	35	48	48	28
21-23 LST	37	37	30	24	15	19	15	15	19	30	50	48	28
ALL HOURS	38	37	33	23	14	15	14	13	18	35	50	48	28

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	21	24	10	7	4	6	7	5	10	22	28	14
03-05 LST	22	26	28	10	7	4	3	6	9	13	21	30	15
06-08 LST	22	31	29	11	3	5	5	4	7	16	28	32	16
09-11 LST	25	26	22	7	3	4	4	4	6	16	28	33	15
12-14 LST	17	19	14	6	6	6	5	5	6	13	20	25	12
15-17 LST	17	17	13	5	7	9	6	5	9	14	20	25	12
18-20 LST	18	19	16	8	6	6	7	5	6	12	21	25	12
21-23 LST	21	21	18	12	8	8	4	6	7	11	24	26	14
ALL HOURS	20	22	20	9	6	6	5	5	7	13	23	28	14

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	7	11	3	1	1	2	2	2	2	8	16	5
03-05 LST	12	11	15	3	1	1	1	2	3	4	8	16	6
06-08 LST	9	15	16	5	1	1	1	1	3	5	14	17	7
09-11 LST	13	14	11	2	2	1	2	2	4	6	14	15	7
12-14 LST	8	7	6	2	3	3	2	3	4	6	10	14	6
15-17 LST	8	7	4	1	4	5	4	3	6	6	8	13	6
18-20 LST	8	6	6	3	2	4	4	3	2	2	8	12	5
21-23 LST	10	9	5	3	2	3	2	3	2	3	8	13	5
ALL HOURS	10	9	9	3	2	2	2	2	3	4	10	15	6

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	3	10	1	#	1	2	1	2	1	5	11	4
03-05 LST	8	8	12	1	0	1	#	1	2	2	6	10	4
06-08 LST	6	10	12	3	1	1	1	1	3	3	12	12	5
09-11 LST	9	9	7	1	1	1	1	2	2	4	9	13	5
12-14 LST	6	4	4	1	2	2	2	2	3	4	8	10	4
15-17 LST	6	4	1	1	2	4	3	3	4	4	5	9	4
18-20 LST	3	3	3	1	1	3	2	2	1	1	5	10	3
21-23 LST	6	5	4	#	1	2	1	1	1	1	5	9	3
ALL HOURS	6	6	7	1	1	2	2	2	2	2	7	10	4

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KALMIKOV, RA
 LOCATION: 4903N 5153E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 354060
 ELEVATION (FEET): 13
 PERIOD: 7301-8612

ICAO:
 LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	0	#	1	1	0	0	0	#	#	#
03-05 LST	0	0	0	#	#	1	0	1	0	0	0	#	#
06-08 LST	0	0	#	0	#	0	0	1	0	0	0	0	#
09-11 LST	#	#	0	1	0	0	0	0	0	#	0	0	#
12-14 LST	#	0	0	#	0	#	#	#	0	0	0	0	#
15-17 LST	#	0	0	#	0	1	1	0	1	0	0	0	#
18-20 LST	0	0	0	0	1	1	2	#	0	#	0	0	#
21-23 LST	#	0	0	0	1	1	1	1	0	#	0	#	#
ALL HOURS	#	#	#	#	#	1	1	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	3	2	4	2	2	2	4	5	4	3
03-05 LST	2	2	2	3	1	2	1	3	1	4	5	3	2
06-08 LST	3	2	2	3	3	1	2	3	2	5	6	2	3
09-11 LST	2	2	3	3	3	2	2	2	3	5	4	4	3
12-14 LST	1	1	2	4	3	3	2	1	1	5	5	2	2
15-17 LST	3	2	2	4	3	4	3	3	3	5	5	2	3
18-20 LST	#	1	3	4	2	3	4	3	5	6	5	3	3
21-23 LST	3	1	2	4	2	4	4	2	2	5	8	3	3
ALL HOURS	2	2	2	3	2	3	2	2	2	5	5	3	3

3. % FREQ SNOW AND/OR ICE PELLETS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	8	3	1	0	0	0	0	0	1	4	6	3
03-05 LST	5	8	3	1	0	0	0	0	0	1	2	5	2
06-08 LST	9	10	4	0	0	0	0	0	0	1	6	7	3
09-11 LST	13	9	3	1	0	0	#	0	0	2	5	13	4
12-14 LST	9	9	4	#	0	0	0	#	0	1	4	10	3
15-17 LST	9	7	2	#	0	0	0	0	0	1	5	10	3
18-20 LST	8	8	3	0	0	#	0	0	0	2	3	6	3
21-23 LST	10	10	3	#	0	0	#	0	0	1	3	8	3
ALL HOURS	9	9	3	#	0	#	#	#	0	1	4	8	3

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS): (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	2	1	1	1	#	1	2	2	2	1
03-05 LST	3	2	2	1	1	0	0	#	1	2	4	1	1
06-08 LST	3	3	1	3	1	1	#	0	#	2	3	2	2
09-11 LST	2	2	1	2	1	#	1	1	1	2	2	2	1
12-14 LST	4	1	2	3	1	2	1	1	1	3	2	1	2
15-17 LST	3	3	3	3	2	3	3	1	2	4	2	1	2
18-20 LST	2	2	1	2	2	2	2	1	1	2	2	1	2
21-23 LST	3	2	2	1	1	1	0	1	1	2	2	3	2
ALL HOURS	3	2	2	2	1	1	1	1	1	2	2	2	2

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	7	11	3	1	1	2	2	2	2	8	16	5
03-05 LST	12	11	15	3	1	1	1	2	3	4	8	16	6
06-08 LST	9	15	15	5	1	1	1	1	3	5	14	16	7
09-11 LST	13	14	11	2	1	1	2	2	4	5	14	15	7
12-14 LST	8	7	6	2	3	3	2	3	4	6	10	14	6
15-17 LST	8	7	3	1	4	5	4	3	6	6	8	13	6
18-20 LST	8	6	6	2	2	3	4	3	2	2	8	12	5
21-23 LST	9	9	5	3	2	3	1	2	2	3	8	13	5
ALL HOURS	10	9	9	3	2	2	2	2	3	4	10	14	6

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	7	11	2	1	1	2	1	2	2	7	14	5
03-05 LST	11	11	14	2	1	1	1	2	2	4	8	14	6
06-08 LST	7	14	15	5	1	1	1	1	3	4	14	15	7
09-11 LST	13	13	11	2	1	1	2	2	3	5	13	15	7
12-14 LST	8	6	6	1	3	3	2	3	3	5	10	13	5
15-17 LST	8	7	3	1	3	4	4	3	6	5	8	13	5
18-20 LST	7	6	5	2	2	3	4	3	2	1	8	12	5
21-23 LST	9	8	5	1	2	2	1	1	1	2	8	13	4
ALL HOURS	9	9	9	2	2	2	2	2	3	4	9	14	5

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	10	1	#	1	2	1	2	1	5	13	4
03-05 LST	8	9	13	2	#	1	1	2	2	3	6	11	5
06-08 LST	6	11	13	3	1	1	1	1	3	3	12	13	6
09-11 LST	10	10	7	1	1	1	1	2	3	4	10	13	5
12-14 LST	6	4	4	1	2	2	2	3	3	5	8	12	4
15-17 LST	7	5	1	1	3	4	4	3	5	4	6	10	4
18-20 LST	4	4	3	1	2	3	3	3	2	1	7	10	3
21-23 LST	7	5	4	#	1	2	1	1	1	1	6	10	3
ALL HOURS	7	6	7	1	1	2	2	2	2	3	8	11	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	9	#	#	#	1	1	1	#	4	10	3
03-05 LST	6	7	11	1	0	1	#	1	1	2	6	8	4
06-08 LST	5	9	11	3	#	0	#	#	2	3	11	11	5
09-11 LST	6	5	6	1	0	0	1	1	1	3	8	12	4
12-14 LST	4	2	3	1	1	#	1	1	1	2	7	9	3
15-17 LST	4	1	1	#	1	1	1	0	1	1	5	8	2
18-20 LST	3	2	2	1	1	2	1	1	1	1	1	3	2
21-23 LST	4	4	3	0	0	#	1	1	1	1	5	6	2
ALL HOURS	5	5	6	1	#	#	1	1	1	2	6	9	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KALUGA, RUSSIA
LOCATION: 5434N 3623E
PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 277030
ELEVATION (FEET): 659
PERIOD: 7301-9012

ICAO:
LST = GMT + 3

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	50	48	62	72	86	88	94	88	90	88	60	48	94
MEAN DAILY MAX	1	21	23	33	49	63	69	70	67	58	45	33	25	46
MEAN	1	16	18	28	42	54	60	63	59	51	40	29	21	40
MEAN DAILY MIN	1	10	11	22	34	44	50	54	50	42	34	24	16	33
EXTREME MIN	1	-29	-34	-13	16	25	32	32	32	23	7	-17	-35	-35
# DAYS GE 90	1	0	0	0	0	0	0	#	0	#	0	0	0	0
# DAYS LE 32	1	30	27	27	13	2	#	#	#	2	13	23	30	167
# DAYS LE 0	1	9	7	1	0	#	0	0	#	#	0	1	4	23
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	24	19	17	14	12	14	15	13	15	16	22	26	207
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	21	15	13	4	#	0	#	#	1	4	14	21	93
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (06 LST)	1	84	85	86	84	86	90	92	94	93	90	89	87	88
RH (15 LST)	1	78	72	65	56	50	57	60	61	63	69	81	82	66
VAPOR PRESS	1	.09	.09	.13	.19	.29	.40	.44	.41	.31	.21	.15	.11	.24
DEWPOINT	1	11	12	21	32	43	51	55	52	44	34	25	17	33
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$SW	\$ESE	\$SE	\$S	\$NE	\$W	\$W	\$W	\$W	W	SW	S	\$W
MEAN SPEED														
(PVLG DRCTN)	1	8	9	10	8	9	7	7	7	7	8	9	9	8
MEAN SPEED														
(ALL OBS)	1	8	8	7	7	6	6	5	5	6	7	8	8	7
MAX PEAK GUST	1	0	35	0	0	0	0	23	23	0	0	0	35	35
PRESSURE ALT	1	1700	1650	1600	1450	1500	1560	1450	1640	1430	1840	1850	1990	1990
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	6	6	5	5	5	5	6	6	7	7	6
DAYS TSTMS	1	0	#	#	#	1	3	3	2	#	0	#	#	9
DAYS FOG LT 7	1	20	18	20	16	13	15	18	20	21	19	20	20	220
DAYS BNBD LT 7	1	#	0	#	#	0	#	#	#	#	#	#	#	1

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(KALUGA, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE POR JAN 73-DEC 90 THREE HOURLY
2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	64	57	47	31	19	20	20	23	34	48	70	70	42
03-05 LST	64	60	52	36	23	27	28	29	40	52	73	72	46
06-08 LST	67	62	58	44	27	34	43	48	56	58	77	76	54
09-11 LST	71	69	59	38	22	25	28	33	49	60	78	75	51
12-14 LST	65	54	50	39	26	29	31	31	44	52	77	70	47
15-17 LST	59	46	43	38	25	25	30	29	38	48	71	70	44
18-20 LST	60	50	38	31	21	21	22	21	28	44	72	68	40
21-23 LST	62	51	43	31	19	17	17	18	26	44	71	71	39
ALL HOURS	64	56	49	36	23	25	28	29	40	51	74	71	45

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	55	47	38	23	14	11	13	16	26	33	57	61	33
03-05 LST	57	53	45	28	17	19	23	23	34	38	62	63	38
06-08 LST	60	55	49	36	22	28	40	42	49	46	66	69	47
09-11 LST	64	62	53	31	17	18	24	27	43	51	68	68	44
12-14 LST	59	48	39	25	12	10	14	15	27	38	65	66	35
15-17 LST	52	37	28	17	10	7	12	10	17	30	57	62	28
18-20 LST	52	38	28	17	9	8	9	9	19	30	56	61	28
21-23 LST	54	41	33	20	10	9	9	9	17	30	56	61	29
ALL HOURS	57	47	39	24	14	14	18	19	29	37	61	64	35

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	38	34	16	8	6	8	8	8	15	21	43	43	22
03-05 LST	40	35	32	19	10	12	13	13	20	25	43	44	25
06-08 LST	42	39	38	26	15	19	30	28	36	30	48	51	33
09-11 LST	47	48	43	24	11	10	16	17	31	38	55	53	33
12-14 LST	43	37	27	13	6	5	7	7	14	25	50	51	24
15-17 LST	35	25	18	9	5	3	3	4	8	17	41	47	18
18-20 LST	36	25	18	8	4	4	4	4	11	18	40	46	18
21-23 LST	37	27	23	13	6	4	4	4	10	18	41	46	19
ALL HOURS	40	34	28	16	8	8	11	11	18	24	45	48	24

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	4	2	1	#	#	1	2	2	4	4	2
03-05 LST	2	3	5	4	2	1	2	2	4	3	3	4	3
06-08 LST	3	3	6	6	3	2	7	8	10	5	5	4	5
09-11 LST	3	5	5	4	1	#	1	2	5	6	7	6	4
12-14 LST	3	1	2	#	0	#	0	0	1	1	6	5	2
15-17 LST	1	1	1	1	#	0	#	0	1	1	3	4	1
18-20 LST	2	1	1	#	#	#	#	#	#	1	3	4	1
21-23 LST	2	3	2	1	#	0	#	0	1	1	3	4	1
ALL HOURS	2	3	3	2	1	1	1	2	3	3	4	4	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KALUGA, RUSSIA
 LOCATION: 5434N 3623E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 277030
 ELEVATION (FEET): 659
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	#	1	2	1	#	0	#	0	#
03-05 LST	0	0	#	#	0	1	#	1	#	0	0	0	#
06-08 LST	0	0	#	0	0	#	1	1	#	0	#	0	#
09-11 LST	0	0	0	0	#	1	1	#	#	#	#	0	#
12-14 LST	0	0	0	0	#	2	1	1	0	0	0	0	#
15-17 LST	0	0	0	#	2	5	4	2	1	0	0	0	1
18-20 LST	0	0	0	1	2	7	6	3	1	0	0	#	2
21-23 LST	0	#	0	#	2	3	3	3	1	#	#	0	1
ALL HOURS	0	#	#	#	1	3	2	1	#	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	4	7	7	9	6	7	10	11	10	6	7
03-05 LST	2	2	5	7	7	9	7	5	10	10	9	5	6
06-08 LST	3	2	5	9	8	7	11	8	10	10	9	7	7
09-11 LST	5	5	7	11	9	7	11	9	12	10	10	8	9
12-14 LST	2	3	4	9	7	9	10	6	10	9	11	7	7
15-17 LST	3	2	3	11	10	12	11	12	12	13	11	6	9
18-20 LST	3	2	4	11	10	14	14	10	14	12	11	8	9
21-23 LST	4	3	5	10	7	8	8	8	10	11	11	6	8
ALL HOURS	3	3	4	9	8	9	10	8	11	11	10	7	8

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	29	22	16	4	#	0	0	0	0	3	19	30	10
03-05 LST	28	22	14	5	#	0	0	#	#	3	18	27	10
06-08 LST	28	25	18	4	0	0	0	0	0	4	21	31	11
09-11 LST	27	27	21	6	#	0	0	#	1	5	22	29	11
12-14 LST	39	26	16	5	#	0	0	0	#	3	22	33	12
15-17 LST	34	22	15	4	0	0	0	#	#	4	20	33	11
18-20 LST	30	23	15	4	0	0	#	#	1	4	20	26	10
21-23 LST	29	22	15	4	#	0	#	0	1	4	15	28	10
ALL HOURS	31	24	16	4	#	0	#	#	#	4	20	29	11

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	0	#	0	#	#	0	#	1	#	#
03-05 LST	#	#	#	0	0	0	0	#	0	0	#	#	#
06-08 LST	#	#	#	0	0	0	#	0	#	#	#	#	#
09-11 LST	#	#	0	0	0	0	0	0	0	#	1	#	#
12-14 LST	#	#	0	1	#	0	0	0	#	#	#	1	#
15-17 LST	#	0	#	#	#	#	#	#	0	#	1	#	#
18-20 LST	#	0	0	0	0	0	0	#	#	0	1	#	#
21-23 LST	#	#	0	1	#	#	0	0	0	#	1	1	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	1	#	#

(KALUGA, RUSSIA)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE POR JAN 73-DEC 90 THREE HOURLY
2.

5. X FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	33	32	26	14	7	5	7	7	14	18	38	37	20
03-05 LST	33	31	30	17	9	11	12	11	18	23	40	38	23
06-08 LST	36	36	35	24	14	16	27	25	31	26	43	44	30
09-11 LST	41	44	40	21	8	8	13	13	27	35	50	48	29
12-14 LST	39	33	22	11	4	4	4	5	10	21	44	44	20
15-17 LST	32	21	15	7	3	2	1	3	5	14	35	39	15
18-20 LST	31	21	15	7	4	3	2	3	9	14	34	37	15
21-23 LST	33	24	20	11	5	3	2	3	8	16	34	40	17
ALL HOURS	35	30	25	14	7	6	9	9	15	21	40	41	21

6. X FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	20	14	7	3	1	2	3	7	10	23	22	11
03-05 LST	18	21	18	10	6	5	6	5	10	13	24	21	13
06-08 LST	17	22	21	16	8	10	19	18	20	17	24	22	18
09-11 LST	23	29	27	12	4	3	6	7	17	22	30	30	18
12-14 LST	22	18	12	6	2	1	1	1	4	11	25	24	11
15-17 LST	17	12	7	3	1	#	#	1	2	9	19	22	8
18-20 LST	16	13	8	4	2	#	1	2	3	7	18	22	8
21-23 LST	18	14	11	6	2	1	1	1	3	8	20	22	9
ALL HOURS	19	19	15	8	3	3	5	5	8	12	23	23	12

7. X FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	11	7	5	2	1	2	2	4	5	9	11	5
03-05 LST	7	10	9	6	4	3	4	3	7	8	10	11	7
06-08 LST	8	10	11	9	5	4	11	13	13	10	12	12	10
09-11 LST	12	18	12	7	1	1	1	4	8	14	15	14	9
12-14 LST	8	9	6	3	#	#	0	#	1	4	14	14	5
15-17 LST	6	6	3	1	#	#	#	0	1	2	10	11	3
18-20 LST	7	5	4	2	#	#	1	1	1	3	9	10	4
21-23 LST	7	8	5	3	1	0	1	#	2	4	8	10	4
ALL HOURS	8	10	7	5	2	1	3	3	5	6	11	12	6

8. X FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	#	#	0	#	#	1	2	2	1
03-05 LST	1	1	2	2	1	0	1	1	2	1	2	2	1
06-08 LST	1	1	4	3	2	1	3	5	4	2	2	1	3
09-11 LST	1	2	3	3	#	0	#	1	3	4	3	2	2
12-14 LST	1	#	1	0	0	0	0	0	1	1	2	2	1
15-17 LST	1	#	#	#	#	0	#	0	#	#	1	2	#
18-20 LST	#	#	#	0	#	#	0	#	#	#	2	2	#
21-23 LST	1	1	1	1	0	0	#	0	1	#	2	1	1
ALL HOURS	1	1	1	1	#	#	1	1	1	1	2	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KAPUSTIN YAR, USSR
LOCATION: 48°35'N, 45°43'E
PREPARED BY USAFETAC/ECR MAY 1986

STATION #: 345710
ELEVATION (FEET): 30
PERIOD: VARIED

ICAO ID:
LST = GMT +4

SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	52	55	70	90	99	104	106	111	97	86	68	52	111
MEAN DLY MAX	2	21	22	35	58	74	82	87	85	73	56	39	27	55
MEAN	1	13	17	30	51	63	70	75	73	60	46	35	21	47
MEAN DLY MIN	2	7	8	19	37	50	59	64	60	49	36	26	15	36
EXTREME MIN	2	-31	-33	-24	-8	23	36	45	37	25	10	-18	-33	-33
# DAYS > 90	1	0	0	0	#	1	4	11	10	1	0	0	0	27
# DAYS > 32	1	30	26	25	5	#	0	0	0	1	6	17	30	140
# DAYS > 0	1	10	8	1	#	0	0	0	0	0	0	1	3	23
2. PRECIPITATION (INCHES)														
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	2	1.7	1.3	0.7	0.9	1.1	0.8	0.7	1.2	0.4	0.9	1.2	1.6	12.3
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS	1	15	15	14	8	9	14	12	10	9	13	17	19	155
# DAYS > 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS	1	11	10	9	1	0	0	#	0	#	2	5	15	53
# DAYS > 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (07 LST)	1	82	82	86	78	66	64	62	62	74	85	89	87	77
RH (16 LST)	1	76	77	70	38	33	34	30	31	36	51	74	82	53
VAPOR PRESS	1	.08	.10	.14	.22	.28	.36	.40	.37	.29	.23	.18	.11	.23
DEWPOINT	1	19	22	26	35	41	48	51	48	41	36	31	22	37
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	NE	E	ESE	ESE	SE	NNE	NNE	NE	NW	SE	E	ESE	ESE
MEAN SPEED														
(PVLG DRCTN)	1	9	9	10	9	8	8	8	7	7	9	6	9	8
MEAN SPEED														
(ALL OBS)	1	8	8	9	8	8	7	7	7	6	8	7	8	8
MAX (PK GST)		#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	600	700	700	600	500	350	650	500	250	500	500	500	700
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	4	4	4	3	4	4	5	6	6	5
DAYS TSTMS	1	#	#	0	1	2	5	5	3	1	#	#	0	17
DAYS FOG <7	1	15	16	18	9	2	1	2	1	6	14	18	17	119
DAYS BNBD <7	1	0	0	0	1	1	0	#	#	#	#	#	0	2
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ - % CALM > PVLG DRTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 66-AUG 73, THRES HOURLY
 2. NATIONAL INTELLIGENCE SURVEY
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	48	42	5	1	1	2	3	4	21	38	48	20
03-05 LST	29	51	41	14	1	3	3	3	6	25	44	52	22
06-08 LST	33	46	53	30	4	7	7	6	20	35	43	47	23
09-11 LST	40	51	55	15	5	2	4	5	13	35	55	62	29
12-14 LST	38	50	43	12	1	5	2	3	8	16	44	46	21
15-17 LST	36	52	39	8	4	5	1	3	3	16	35	47	21
18-20 LST	36	48	44	9	1	2	1	0	5	16	36	49	20
21-23 LST	34	49	42	6	2	2	1	2	3	15	31	48	18
ALL HOURS	35	49	45	13	1	3	3	2	8	2	41	50	22

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	48	42	5	1	1	2	3	4	21	38	48	20
03-05 LST	29	51	41	14	1	3	3	3	6	25	44	52	22
06-08 LST	33	46	53	29	4	5	7	6	20	35	43	47	23
09-11 LST	40	51	55	15	5	2	2	5	13	35	55	62	29
12-14 LST	38	50	43	11	1	3	1	3	8	16	44	46	21
15-17 LST	36	52	39	8	4	2	1	2	3	15	35	47	20
18-20 LST	35	48	44	7	4	2	1	0	5	15	36	48	20
21-23 LST	34	49	42	6	2	2	1	2	3	15	31	46	18
ALL HOURS	35	49	45	12	3	2	3	3	8	22	41	50	22

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	17	15	2	1	0	0	1	1	4	12	11	6
03-05 LST	10	23	12	4	2	1	1	1	1	5	15	14	7
06-08 LST	13	19	19	2	2	0	1	1	4	5	17	18	9
09-11 LST	17	20	20	1	1	0	0	0	1	4	21	26	9
12-14 LST	12	17	10	1	2	0	1	1	1	3	10	13	5
15-17 LST	6	15	10	1	2	1	0	0	1	3	7	13	5
18-20 LST	7	14	12	1	1	1	0	0	1	1	6	15	4
21-23 LST	12	16	12	1	1	0	0	1	0	1	6	15	5
ALL HOURS	11	18	14	2	1	0	0	0	1	2	12	16	6

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	5	1	1	0	0	0	1	1	5	6	2
03-05 LST	4	8	3	1	1	0	1	1	1	1	6	7	3
06-08 LST	5	9	7	1	0	0	0	1	2	3	10	8	4
09-11 LST	5	4	6	0	1	0	0	0	0	1	11	11	3
12-14 LST	2	6	1	1	1	0	1	0	1	0	4	5	2
15-17 LST	1	3	1	0	0	0	0	0	1	0	4	3	1
18-20 LST	2	4	4	0	0	1	0	0	0	0	3	6	2
21-23 LST	3	7	4	0	0	0	0	1	0	1	3	9	2
ALL HOURS	3	6	4	0	0	0	0	0	1	1	5	8	2

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: KAPUSTIN YAR, USSR
LOCATION: 48°35'N, 45°43'E
PREPARED BY USAFETAC/ECR MAY 1986

STATION #: 345710
ELEVATION (FEET): 30
PERIOD: JAN 66 - AUG 73

ICAO ID:
LST = GMT +4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	0	0	1	1	1	0	0	0	0	0	#
03-05 LST	0	0	0	0	0	0	1	1	1	0	0	0	#
06-08 LST	0	0	0	0	0	0	1	1	0	0	0	0	#
09-11 LST	0	0	0	0	1	1	0	0	0	0	1	0	#
12-14 LST	0	0	0	0	0	1	1	0	0	0	0	0	#
15-17 LST	0	0	0	1	1	11	3	0	0	1	0	0	1
18-20 LST	0	0	0	0	1	2	2	2	2	0	0	0	1
21-23 LST	1	1	0	1	0	2	1	2	0	0	0	0	1
ALL HOURS	#	#	0	#	#	2	1	1	#	#	#	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	4	3	6	2	3	4	4	8	11	4	5
03-05 LST	1	5	5	3	6	4	3	3	4	5	11	5	5
06-08 LST	1	2	5	5	5	3	3	1	2	4	7	4	4
09-11 LST	1	5	6	4	6	4	3	2	6	7	11	5	5
12-14 LST	1	1	3	6	3	6	2	3	2	4	7	4	4
15-17 LST	2	3	4	5	7	11	4	4	3	5	9	4	5
18-20 LST	1	3	6	4	5	10	4	3	3	8	10	7	5
21-23 LST	1	4	3	4	2	5	4	5	6	7	9	4	5
ALL HOURS	1	3	5	4	5	5	3	3	4	6	9	5	5

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	15	9	0	0	0	0	0	0	0	3	14	4
03-05 LST	12	13	8	0	0	0	0	0	0	2	2	21	5
06-08 LST	11	12	4	0	0	0	0	0	0	1	2	21	4
09-11 LST	14	17	11	1	0	0	0	0	0	1	7	23	6
12-14 LST	12	15	7	1	0	0	0	0	2	2	5	15	5
15-17 LST	11	11	7	1	0	0	0	0	0	2	6	15	4
18-20 LST	10	8	7	1	0	0	1	0	1	1	1	11	3
21-23 LST	11	10	7	1	0	0	0	0	0	1	2	12	4
ALL HOURS	12	13	7	#	0	0	#	0	#	1	3	17	4

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	1	1	0	0	1	0	1	1	0	1
03-05 LST	0	1	1	1	1	1	1	1	1	1	1	0	1
06-08 LST	0	1	2	0	1	0	1	0	1	1	0	1	#
09-11 LST	0	0	1	1	0	0	1	1	0	0	0	1	#
12-14 LST	0	0	0	1	1	0	0	0	1	1	1	1	1
15-17 LST	1	0	1	1	1	0	1	0	0	0	1	0	#
18-20 LST	0	1	1	0	1	1	2	0	1	0	1	0	1
21-23 LST	0	0	3	1	2	1	1	1	0	1	0	0	1
ALL HOURS	#	#	1	1	1	#	1	#	#	1	1	#	1

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 66-AUG 73, THREE HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	17	15	3	1	#	0	1	1	4	12	11	6
03-05 LST	10	23	12	4	2	#	1	1	1	5	15	14	7
06-08 LST	13	19	19	3	2	0	1	1	4	6	17	18	9
09-11 LST	17	20	20	1	1	0	0	0	1	4	21	26	9
12-14 LST	12	17	10	1	2	0	1	1	1	3	10	13	5
15-17 LST	6	15	10	1	0	1	0	0	1	3	7	13	5
18-20 LST	7	14	12	#	1	1	0	0	1	1	6	15	4
21-23 LST	12	16	12	1	#	0	#	1	0	1	8	15	5
ALL HOURS	11	18	14	2	1	#	#	#	1	3	12	16	6

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	14	12	2	1	#	0	1	1	4	10	11	5
03-05 LST	10	19	10	4	2	#	1	1	1	5	15	14	6
06-08 LST	12	19	17	3	2	0	1	1	4	6	17	18	8
09-11 LST	16	15	18	1	1	0	0	0	1	4	21	26	9
12-14 LST	12	12	7	1	2	0	1	1	1	3	10	13	5
15-17 LST	6	11	8	1	0	1	0	0	1	3	7	13	4
18-20 LST	6	9	11	#	1	1	0	0	1	1	6	15	4
21-23 LST	11	13	10	1	1	0	#	1	0	1	7	14	5
ALL HOURS	10	14	12	2	1	#	#	#	1	3	12	15	6

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	8	5	#	1	#	0	0	1	1	6	6	3
03-05 LST	5	10	3	1	1	#	#	1	1	3	7	8	3
06-08 LST	6	11	8	1	0	0	#	1	2	3	12	9	4
09-11 LST	8	7	8	0	1	0	0	0	1	2	12	12	4
12-14 LST	4	9	2	1	1	0	1	0	1	1	5	5	2
15-17 LST	2	5	2	1	0	0	0	0	1	1	5	9	2
18-20 LST	2	5	4	#	1	1	0	0	0	0	3	10	2
21-23 LST	4	9	5	#	1	0	#	1	0	1	3	9	3
ALL HOURS	5	8	5	1	1	#	#	#	1	1	7	9	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	3	0	0	#	0	0	1	1	2	2	1
03-05 LST	2	5	2	0	0	#	1	1	1	1	2	4	1
06-08 LST	2	3	3	1	0	0	#	1	1	2	3	5	2
09-11 LST	2	2	3	0	0	0	0	0	0	2	4	7	2
12-14 LST	1	1	0	0	1	0	1	0	0	0	1	2	#
15-17 LST	0	1	0	0	0	0	0	0	1	0	1	4	#
18-20 LST	1	2	1	0	1	1	0	0	0	0	2	5	1
21-23 LST	#	2	3	0	0	0	0	1	0	1	2	6	1
ALL HOURS	1	2	2	#	1	1	#	#	#	1	2	4	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KARA-AUL, USSR
LOCATION: 4857N, 7916E
PREPARED BY: USAFETAC/ECR, DEC 1988

STATION #: 365010
ELEVATION (FEET): 618
PERIOD: 7301-8612

ICAO ID: N/A
LST = GMT +6

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	50	52	86	89	93	97	106	102	86	76	66	45	105
MEAN DLY MAX	17	15	27	50	63	73	77	72	63	47	31	20	46
MEAN	10	9	21	42	56	67	70	65	55	40	24	13	39
MEAN DLY MIN	4	3	13	33	46	58	60	55	45	32	18	6	31
EXTREME MIN	-30	-35	-18	-3	19	34	30	36	26	5	-25	-37	-37
# DAYS > 90	0	0	0	0	0	1	2	1	0	0	0	0	4
# DAYS < 32	31	28	29	4	4	0	0	0	2	17	27	31	183
# DAYS < 0	12	12	5	0	0	0	0	0	0	0	2	10	41
2. PRECIPITATION (INCHES)													
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.04	4	4	5	4	4	4	4	2	3	4	5	4	43
# DAYS > 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	3	3	3	1	0	0	0	0	0	1	3	3	17
# DAYS > 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (03 LST)	71	70	74	69	57	57	60	59	60	68	72	70	66
RH (15 LST)	65	64	61	44	33	32	33	32	37	49	60	64	48
VAPOR PRESS	.05	.06	.009	.16	.21	.29	.33	.28	.21	.15	.10	.06	.17
DEWPOINT	2	1	12	27	33	43	46	42	34	26	14	4	24
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	SW	SW	SW	SW	SW	SW	N	N	N	SW	SW	SW	SW
MEAN SPEED	12	12	9	11	11	11	7	6	7	11	13	11	10
(PVLG DRCTN)													
MEAN SPEED	7	7	6	7	8	7	6	6	7	7	7	7	7
(ALL OBS)													
MAX (PK GST)	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	0	0	0	0	0	0	0	0	0	0	0	0	0
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	4	4	4	4	4	4	3	3	4	4	4	4	4
DAYS TSTMS	0	0	0	0	0	1	1	0	0	0	0	0	2
DAYS FOG < 7	2	2	3	2	0	0	0	0	0	2	2	1	14
DAYS BNBD < 7	0	0	0	0	0	0	0	0	0	0	0	0	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE
 \$ = % CALM > PVLG DRCWN
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV FOR 7301-8612
 2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	56	25	76	67	36	55	40	12	30	20	100	62	48
06-08 LST	20	50	50	19	12	8	6	5	16	56	71	43	30
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	12	10	12	11	5	5	6	4	9	12	12	13	9
15-17 LST	8	8	12	12	8	8	6	4	8	12	11	10	9
18-20 LST	14	9	14	13	9	9	9	4	7	13	15	25	12
21-23 LST	33	43	40	47	11	8	10	17	0	60	17	100	32
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	56	25	75	50	27	55	20	12	30	20	33	62	39
06-08 LST	20	50	50	11	6	3	2	2	12	56	71	43	27
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	9	8	8	6	1	2	3	1	3	8	7	8	5
15-17 LST	6	5	8	5	3	2	2	2	3	8	7	8	5
18-20 LST	11	5	7	5	3	2	3	#	2	7	10	25	7
21-23 LST	33	29	40	47	5	3	3	15	0	60	17	100	29
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS < 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	44	0	50	50	18	55	20	12	20	20	33	62	32
06-08 LST	20	50	50	6	2	2	1	2	7	44	71	43	25
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	4	2	1	3	1	2	2	#	1	2	3	3	2
15-17 LST	2	1	2	2	2	1	1	1	1	2	3	2	2
18-20 LST	4	2	2	2	1	1	2	#	2	4	3	25	4
21-23 LST	33	29	20	40	2	3	2	8	0	60	0	50	21
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS < 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	22	0	25	17	0	18	0	0	0	0	0	0	7
06-08 LST	0	0	17	3	1	1	#	1	3	11	14	14	5
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	#	#	#	1	0	1	1	#	#	#	1	1	1
15-17 LST	0	#	1	#	1	1	#	1	#	1	1	1	1
18-20 LST	3	1	1	0	#	#	2	#	1	1	0	12	2
21-23 LST	0	29	0	0	1	2	#	4	0	20	0	0	5
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: KARA-AUL, USSR STATION #: 365010 ICAO ID: N/A
 LOCATION: 4857N, 7916E ELEVATION (FEET): 618 LST = GMT +6
 PREPARED BY: USAFETAC/ECR, DEC 1988 PERIOD: 7301-8612

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	0	0	0	20	0	10	0	0	0	2
06-08 LST	0	0	0	0	#	0	1	1	0	0	0	0	#
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	0	0	0	0	1	1	1	#	0	0	#	0	#
15-17 LST	#	0	0	0	1	5	2	#	0	0	0	0	1
18-20 LST	0	0	0	0	1	2	1	1	0	#	0	0	#
21-23 LST	0	0	0	0	0	1	1	0	0	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	0	0	9	0	0	20	0	0	0	2
06-08 LST	0	0	0	9	7	5	5	3	6	11	0	14	5
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	0	1	4	3	2	2	2	2	4	5	3	#	2
15-17 LST	0	#	1	3	3	6	1	1	4	2	2	#	2
18-20 LST	0	0	#	2	3	4	4	2	3	2	0	0	2
21-23 LST	33	0	0	7	2	3	1	2	0	0	0	0	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	11	0	0	0	0	0	0	0	0	0	33	12	5
06-08 LST	0	0	0	5	2	0	0	0	1	0	29	29	5
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	10	12	12	3	#	0	0	0	#	5	10	11	5
15-17 LST	7	6	6	3	#	1	0	0	#	5	5	7	3
18-20 LST	2	3	5	3	0	0	#	0	0	4	3	0	2
21-23 LST	0	0	40	0	1	0	0	0	0	0	17	0	5
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	0	0	0	0	0	0	0	33	0	3
06-08 LST	0	0	17	1	2	1	2	0	1	11	0	0	3
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	5	3	3	2	1	3	1	1	1	4	7	2	3
15-17 LST	4	2	2	3	2	2	1	#	1	2	3	3	2
18-20 LST	1	1	1	1	1	1	0	0	#	3	2	0	1
21-23 LST	0	14	0	0	0	1	0	1	0	0	0	0	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	44	0	50	50	18	55	20	12	20	20	33	62	32
06-08 LST	20	50	50	6	2	2	1	2	7	44	71	43	25
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	4	2	1	3	1	2	2	#	1	2	3	3	2
15-17 LST	2	1	2	2	2	1	1	1	1	2	3	2	2
18-20 LST	4	2	2	2	1	1	2	#	2	4	3	25	4
21-23 LST	33	29	20	40	2	3	2	8	0	60	0	50	21
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	44	0	50	33	18	55	20	12	20	20	33	50	30
06-08 LST	20	50	50	6	2	2	1	2	6	44	71	43	25
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	4	2	1	3	1	2	2	#	1	2	3	3	2
15-17 LST	2	1	2	2	2	1	1	1	#	2	3	2	2
18-20 LST	4	1	2	1	1	1	2	#	2	4	3	25	4
21-23 LST	33	29	20	33	2	3	2	8	0	60	0	50	20
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	44	0	50	33	9	55	20	12	20	20	33	37	28
06-08 LST	20	50	50	4	1	1	#	1	4	33	71	43	23
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	1	1	#	1	0	1	1	#	#	#	2	1	1
15-17 LST	1	1	2	1	1	1	#	1	#	1	2	1	1
18-20 LST	4	1	1	1	1	1	2	#	2	3	2	25	4
21-23 LST	0	29	20	27	1	2	1	6	0	60	0	50	16
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	22	0	0	17	0	18	0	0	0	0	0	0	5
06-08 LST	0	0	17	3	1	1	0	1	2	11	14	0	4
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	#	0	#	1	0	1	1	#	#	#	1	#	#
15-17 LST	0	#	1	#	1	#	#	#	#	1	1	1	1
18-20 LST	3	#	1	0	#	#	2	#	#	1	0	12	2
21-23 LST	0	14	0	0	0	2	#	3	0	0	0	0	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KARACHAYESK, USSR
 LOCATION: 43°47'N, 41°55'E
 PREPARED BY: USAFETAC/ECR, JAN 1989

STATION #: 371160
 ELEVATION (FEET): 2828
 PERIOD: 7301-8612

ICAO ID: N/A
 LST - GMT +3

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	56	68	72	88	88	88	99	90	82	80	70	66	99
MEAN DLY MAX	29	32	42	53	57	62	65	61	58	51	39	32	48
MEAN	28	30	37	49	54	62	66	65	59	48	39	30	47
MEAN DLY MIN	25	25	33	44	51	58	63	65	56	45	37	29	44
EXTREME MIN	-4	0	1	21	30	42	48	45	37	18	16	6	-4
# DAYS > 90	0	0	0	0	0	0	1	0	0	0	0	0	1
# DAYS ≥ 32	19	17	12	2	0	0	0	0	0	3	8	17	79
# DAYS ≤ 0	1	0	0	0	0	0	0	0	0	0	0	0	1
2. PRECIPITATION (INCHES)													
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.01	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (03 LST)	73	77	78	78	81	83	86	84	83	78	70	71	79
RH (19 LST)	0	0	0	29	0	0	0	0	0	0	0	0	0
VAPOR PRESS	.11	.12	.15	.23	.30	.38	.45	.44	.35	.23	.16	.12	.25
DEWPOINT	18	20	26	36	44	50	55	54	48	36	27	20	36
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	S	N	N	N	S	S	S	S	S	S	S	S	S
MEAN SPEED	8	6	6	6	6	6	6	6	7	7	8	7	7
(PVLG DRCTN)													
MEAN SPEED	5	6	5	6	5	6	5	5	5	5	5	5	5
(ALL OBS)													
MAX (PK CST)													
PRESSURE ALT	7030	5940	3890	3900	3240	3880	* 3700	3560	3990	6520	6690	7030	
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	4	5	5	5	5	4	4	4	4	4	5	4	4
DAYS TSMS	0	0	0	1	2	1	2	1	1	0	0	0	9
DAYS FOG < 7	3	4	4	1	0	0	0	0	0	2	3	3	21
DAYS BNBD < 7	0	0	0	0	0	0	0	0	0	0	0	0	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLC DRCTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	17	26	28	25	13	10	10	16	22	28	26	17	20
06-08 LST	19	15	28	28	19	14	13	9	22	20	24	11	18
09-11 LST	23	23	30	29	16	9	12	20	16	28	28	20	21
12-14 LST	19	19	21	19	16	3	4	14	13	14	24	21	15
15-17 LST	15	20	15	20	17	11	5	19	13	20	21	22	16
18-20 LST	18	27	21	17	15	#	#	#	#	14	26	18	20
21-23 LST	18	29	18	24	17	15	12	6	10	25	26	19	18
ALL HOURS	18	23	23	23	16	10	7	16	16	21	25	18	18

8. % FREQ OF CIG/VIS < 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	12	24	24	16	10	5	3	12	14	20	17	14	14
06-08 LST	14	13	21	19	11	8	4	5	11	15	16	10	12
09-11 LST	21	23	30	21	6	3	3	11	12	22	24	18	16
12-14 LST	15	19	12	11	9	3	2	8	9	9	21	19	11
15-17 LST	9	15	9	12	11	5	3	14	7	14	18	17	11
18-20 LST	15	25	13	12	18	#	#	#	#	9	24	15	15
21-23 LST	15	26	13	18	6	8	12	6	5	21	20	14	14
ALL HOURS	14	21	17	16	9	5	5	9	10	16	20	15	13

9. % FREQ OF CIG/VIS < 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	5	12	17	3	4	2	1	3	4	9	8	6	6
06-08 LST	10	6	14	8	6	2	1	2	2	8	9	4	6
09-11 LST	11	17	17	13	2	1	0	3	5	13	18	12	9
12-14 LST	9	10	7	5	4	1	1	3	3	7	15	9	6
15-17 LST	5	12	2	1	3	0	1	5	2	6	10	10	5
18-20 LST	7	14	7	4	4	0	#	#	0	2	13	7	6
21-23 LST	9	7	7	5	1	0	6	6	0	9	3	6	5
ALL HOURS	8	11	10	6	3	1	2	4	2	8	11	8	6

10. % FREQ OF CIG/VIS < 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	5	6	1	0	1	0	2	1	0	3	1	2
06-08 LST	8	3	5	1	0	0	0	0	2	3	2	2	2
09-11 LST	3	7	8	1	0	1	0	1	1	5	6	3	3
12-14 LST	3	2	2	1	3	1	1	2	1	1	5	2	2
15-17 LST	1	3	0	0	2	0	1	1	0	3	3	0	1
18-20 LST	3	1	1	1	2	0	0	0	0	1	3	3	1
21-23 LST	5	1	1	2	0	0	0	6	0	2	0	2	1
ALL HOURS	4	3	3	1	1	#	#	2	1	2	3	2	2

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: KARACHAYESK, USSR
LOCATION: 43°47'N, 41°55'E
PREPARED BY: USAFETAC/ECR, JAN 1989

STATION #: 371160
ELEVATION (FEET): 2828
PERIOD: 7301-8612

ICAO ID: N/A
LST - GMT +3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	0	0	2	1	3	1	0	0	0	1
06-08 LST	0	0	0	0	0	0	0	2	0	1	0	0	#
09-11 LST	0	0	0	0	0	0	2	1	0	1	0	0	#
12-14 LST	0	0	0	0	0	0	0	1	0	0	0	0	#
15-17 LST	0	0	0	2	7	11	5	3	2	0	0	0	2
18-20 LST	0	0	0	0	0	#	0	0	0	1	0	0	#
21-23 LST	0	1	1	0	0	0	0	0	5	0	1	0	1
ALL HOURS	0	#	#	#	1	2	1	1	1	#	#	0	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	4	3	9	8	3	2	6	7	10	3	2	5
06-08 LST	2	0	4	11	7	8	4	3	4	8	4	1	5
09-11 LST	1	1	1	10	5	4	3	5	7	9	3	2	4
12-14 LST	1	0	2	5	4	3	4	2	2	6	1	1	3
15-17 LST	1	2	1	12	16	15	8	10	7	4	4	0	7
18-20 LST	1	1	4	10	15	#	#	#	#	5	5	1	5
21-23 LST	3	2	4	11	4	8	6	0	10	9	5	2	5
ALL HOURS	2	1	3	10	8	7	5	4	7	7	4	1	5

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	0	0	0	0	0	0	0	0
03-05 LST	6	4	4	1	0	0	0	0	0	2	1	9	2
06-08 LST	5	6	6	0	0	0	0	0	0	2	2	2	2
09-11 LST	5	7	9	6	0	0	0	0	0	3	3	5	3
12-14 LST	2	4	2	0	0	0	0	0	0	2	3	7	2
15-17 LST	4	6	3	3	0	0	0	0	0	4	4	7	3
18-20 LST	6	10	3	1	0	0	0	0	0	3	4	8	3
21-23 LST	4	8	2	2	1	0	0	0	0	3	8	7	3
ALL HOURS	5	6	4	2	#	0	0	0	0	3	4	6	2

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	1	1	0	1	0	0	0	1	0	0	#
06-08 LST	0	1	0	1	0	0	3	0	2	1	0	0	1
09-11 LST	0	1	0	0	0	1	2	0	0	1	1	0	#
12-14 LST	2	0	1	0	0	1	0	0	1	0	0	1	1
15-17 LST	2	2	1	1	0	0	1	1	1	0	0	0	1
18-20 LST	0	0	0	1	2	0	#	#	0	1	0	0	#
21-23 LST	0	0	0	1	0	0	6	6	0	0	1	0	1
ALL HOURS	1	1	#	1	#	#	2	1	#	#	#	#	1

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	5	11	17	3	2	2	1	3	4	8	7	5	6
06-08 LST	10	6	13	6	5	2	1	2	2	8	9	4	6
09-11 LST	11	17	15	10	1	1	0	2	5	10	18	12	8
12-14 LST	9	10	7	2	3	1	1	3	3	5	14	9	6
15-17 LST	5	12	1	1	3	0	1	5	2	5	9	7	4
18-20 LST	7	13	7	3	4	0	#	#	0	2	13	7	6
21-23 LST	9	5	6	4	1	0	6	6	0	9	3	6	5
ALL HOURS	8	11	9	4	3	1	2	4	2	7	10	7	6

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	5	9	12	2	1	1	0	2	2	7	7	3	4
06-08 LST	10	6	12	4	2	0	1	2	2	5	9	4	5
09-11 LST	10	17	13	9	0	1	0	1	2	8	16	11	7
12-14 LST	8	7	3	2	3	1	1	2	1	3	13	7	4
15-17 LST	4	10	1	0	2	0	1	3	0	5	7	6	3
18-20 LST	6	11	4	3	4	0	#	#	0	2	10	7	5
21-23 LST	8	5	5	3	0	0	6	6	0	7	3	5	4
ALL HOURS	7	9	7	3	2	#	2	3	1	5	9	6	5

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	6	7	2	0	1	0	2	1	0	4	1	2
06-08 LST	8	3	5	1	0	0	1	2	2	3	6	2	3
09-11 LST	4	12	9	2	0	1	0	1	1	5	8	7	4
12-14 LST	4	3	2	1	3	1	1	2	1	1	6	2	2
15-17 LST	1	4	0	0	2	0	1	1	0	3	3	2	1
18-20 LST	4	3	1	1	2	0	0	#	0	1	5	3	3
21-23 LST	5	1	2	2	0	0	0	6	0	4	0	2	2
ALL HOURS	4	5	4	1	1	#	#	2	1	2	5	3	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	5	6	1	0	1	0	2	1	0	3	1	2
06-08 LST	8	3	5	1	0	0	0	0	2	3	2	2	2
09-11 LST	3	5	8	1	0	1	0	0	1	4	6	2	3
12-14 LST	2	2	2	0	2	1	1	2	1	1	4	1	2
15-17 LST	0	2	0	0	2	0	1	0	0	2	3	0	1
18-20 LST	2	1	0	0	2	0	0	0	0	1	3	1	1
21-23 LST	5	1	1	1	0	0	0	0	0	2	0	1	1
ALL HOURS	3	3	3	1	1	#	#	1	1	2	3	1	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KAZAN, USSR
LOCATION: 5547N 4912E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 275950
ELEVATION (FEET): 210
PERIOD: 7301-8612

ICAO: W/A
LST = GMT +3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	35	36	48	76	86	88	92	88	80	68	46	38 92
MEAN DAILY MAX	1	16	16	29	48	64	70	73	69	59	43	30	22 45
MEAN	1	11	10	23	41	56	62	66	62	52	37	26	17 39
MEAN DAILY MIN	1	5	4	16	34	46	53	57	54	44	32	22	11 32
EXTREME MIN	1	-28	-30	-16	14	28	36	44	36	28	8	-12	-24 -30
# DAYS GE 90	1	0	0	0	0	0	1	0	0	0	0	0	1
# DAYS LE 32	1	31	28	29	13	1	0	0	0	2	16	27	31 178
# DAYS LE 0	1	11	12	3	0	0	0	0	0	0	1	7	34
2. PRECIPITATION (INCHES)													
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MEAN	2	0.6	0.7	0.7	1.0	1.8	2.0	2.6	2.5	1.8	1.8	0.8	0.9 17.1
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	1	19	13	10	8	6	9	8	8	9	13	16	18 137
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN		#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	18	12	8	3	0	0	0	0	6	13	16	76
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (6 LST)	1	85	84	87	82	72	78	83	86	88	89	88	85 84
RH (15 LST)	1	82	78	75	59	43	52	53	53	61	73	84	83 66
VAPOR PRESS	1	.07	.07	.11	.19	.27	.38	.45	.40	.30	.19	.13	.09 .22
DEWPOINT	1	7	6	18	32	40	49	55	51	43	32	23	12 31
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	S	\$W	\$SSE	\$S	\$W	\$N	\$W	\$W	\$W	\$S	S	SSE \$S
MEAN SPEED													
(PVLG DRCTN)	1	13	11	12	12	11	11	10	10	11	12	15	15 12
MEAN SPEED													
(ALL OBS)	1	11	10	9	10	9	9	8	8	9	10	11	12 10
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1200	1400	1250	1150	1000	850	1100	850	950	1300	1350	1150 1400
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	5	5	5	4	5	4	4	5	6	7	6 5
DAYS TSTMS	1	#	#	#	#	2	8	9	6	2	0	#	# 27
DAYS FOG LT 7	1	16	16	16	11	4	7	7	9	11	15	18	17 147
DAYS BNBD LT 7	1	#	0	#	#	#	#	#	#	#	#	#	# 1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2. WORLD CLIMATIC DATA, 30 YEAR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	64	56	44	24	12	20	21	21	26	53	74	73	41
06-08 LST	66	56	52	32	13	21	24	31	40	58	76	70	45
09-11 LST	62	59	47	32	16	20	18	23	37	59	75	69	43
12-14 LST	55	51	39	28	17	21	16	20	34	58	70	62	39
15-17 LST	52	43	31	20	11	13	11	13	25	51	71	60	33
18-20 LST	54	46	28	18	10	12	8	10	24	46	67	64	32
21-23 LST	58	50	35	21	10	13	9	11	19	47	72	69	35
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	56	48	37	19	9	16	16	18	19	38	60	60	33
06-08 LST	60	50	46	29	10	17	21	26	34	46	65	58	38
09-11 LST	57	55	41	25	8	11	11	15	27	44	63	59	35
12-14 LST	51	47	31	17	7	8	5	6	14	38	56	53	28
15-17 LST	46	37	22	14	4	6	4	6	10	30	54	50	24
18-20 LST	43	39	21	13	5	6	2	5	15	29	54	55	24
21-23 LST	48	42	28	16	7	8	7	8	13	31	57	58	27
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	41	36	29	16	5	9	8	10	13	29	50	43	24
06-08 LST	43	39	36	22	6	10	11	16	21	36	51	44	28
09-11 LST	45	45	34	19	6	7	5	7	18	32	50	48	26
12-14 LST	39	32	19	11	4	4	2	3	7	23	45	41	19
15-17 LST	33	26	15	9	2	3	1	3	5	20	41	37	16
18-20 LST	34	26	14	8	2	4	1	3	7	20	42	38	17
21-23 LST	36	31	19	13	4	5	3	5	7	23	45	41	19
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	6	5	4	1	1	2	2	3	5	10	6	4
06-08 LST	7	8	8	7	2	1	2	3	3	7	11	7	5
09-11 LST	7	8	5	6	1	#	#	#	2	6	12	9	5
12-14 LST	6	3	2	2	#	0	0	0	#	4	7	7	3
15-17 LST	5	3	2	1	#	0	#	0	#	2	8	6	2
18-20 LST	3	3	2	3	#	0	0	#	1	3	7	6	2
21-23 LST	4	4	4	4	1	1	#	2	1	4	7	8	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KAZAN, USSR
LOCATION: 5547N 4912E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 275950
ELEVATION (FEET): 210
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	#	0	0	#	2	2	1	#	0	0	0	#
06-08 LST	0	#	#	0	0	#	1	0	0	0	0	1	#
09-11 LST	0	0	#	0	#	1	1	#	0	0	0	0	#
12-14 LST	#	0	0	0	1	2	2	1	0	0	#	0	0
15-17 LST	0	0	0	0	2	6	6	4	0	0	0	0	2
18-20 LST	#	0	0	0	1	3	5	3	#	0	#	0	1
21-23 LST	#	0	0	#	1	3	2	2	1	0	#	#	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	2	4	6	5	8	5	7	9	5	6	3	5
06-08 LST	2	3	2	5	6	7	6	5	6	8	6	4	5
09-11 LST	1	2	2	7	4	7	5	7	7	6	4	3	5
12-14 LST	1	1	1	7	5	6	8	7	10	6	3	3	5
15-17 LST	#	1	2	7	6	11	11	8	11	6	3	2	6
18-20 LST	2	1	3	6	6	9	7	8	9	7	4	2	5
21-23 LST	1	1	3	6	6	8	7	8	10	7	5	2	5
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	36	28	16	7	#	0	0	0	#	11	24	34	13
06-08 LST	38	31	14	7	0	1	0	0	#	11	25	32	13
09-11 LST	29	18	9	4	#	#	0	0	1	12	21	19	9
12-14 LST	23	17	6	5	#	0	0	0	1	8	19	19	8
15-17 LST	23	16	8	4	#	0	0	0	1	8	16	19	8
18-20 LST	29	16	9	3	#	0	0	0	1	10	18	26	9
21-23 LST	33	22	13	4	#	0	#	0	1	11	22	33	12
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	3	1	1	#	#	1	1	1	2	2	3	1
06-08 LST	2	1	1	#	1	#	0	1	1	1	2	2	1
09-11 LST	2	1	0	#	#	0	#	1	1	0	3	3	1
12-14 LST	2	1	0	2	1	1	1	1	1	#	3	3	1
15-17 LST	3	2	1	2	2	1	1	1	2	2	3	3	2
18-20 LST	1	1	1	1	#	1	0	#	1	1	3	3	1
21-23 LST	3	1	1	1	#	0	#	0	1	1	2	4	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	36	32	27	16	5	8	7	9	10	25	42	37	21
06-08 LST	38	36	34	20	5	8	9	14	19	33	45	38	25
09-11 LST	42	43	32	18	4	5	3	7	14	28	46	43	24
12-14 LST	35	30	17	10	3	3	1	2	5	18	38	36	17
15-17 LST	30	26	12	7	1	1	1	2	4	15	35	33	14
18-20 LST	29	23	13	8	2	3	#	2	6	17	35	33	14
21-23 LST	32	28	17	12	3	4	2	5	7	20	39	36	17
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	23	26	18	12	4	5	5	7	17	29	26	15	15
06-08 LST	25	27	29	16	3	5	6	11	12	22	34	24	18
09-11 LST	29	32	21	12	2	3	1	3	8	21	34	27	16
12-14 LST	24	24	11	6	1	#	#	#	2	12	30	25	11
15-17 LST	21	19	8	5	1	1	#	1	1	11	24	25	10
18-20 LST	18	18	9	6	1	2	#	1	4	11	26	26	10
21-23 LST	20	21	12	9	2	3	1	4	4	12	26	26	12
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	13	12	10	7	2	2	2	4	4	10	18	12	8
06-08 LST	14	15	16	12	2	3	3	5	6	14	20	12	10
09-11 LST	16	21	13	9	1	1	#	1	4	13	19	16	9
12-14 LST	13	11	6	3	1	0	0	0	#	7	15	14	6
15-17 LST	12	8	4	3	#	#	#	0	0	5	14	15	5
18-20 LST	10	9	5	4	1	0	#	#	2	5	13	13	5
21-23 LST	11	10	7	5	1	1	1	2	2	7	14	13	6
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	3	4	4	3	#	1	1	2	2	3	4	3	2
06-08 LST	3	5	6	5	1	1	2	2	2	4	5	4	3
09-11 LST	3	3	2	5	#	#	#	#	1	3	5	4	2
12-14 LST	2	1	1	1	0	0	0	0	#	1	4	1	1
15-17 LST	2	2	1	1	#	0	0	0	#	1	3	2	1
18-20 LST	#	2	1	1	#	0	0	#	1	1	4	3	1
21-23 LST	2	3	2	3	1	1	#	1	1	1	4	3	2
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KEMEROVO, RUSSIA
LOCATION: 5523N 8605E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 296420
ELEVATION (FEET): 505
PERIOD: 7301-9012

ICAO:
LST = GMT + 7

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	38	42	64	81	90	90	97	87	90	80	50	48	97
MEAN DAILY MAX	1	7	10	24	39	56	68	72	67	56	38	21	11	39
MEAN	1	3	5	19	34	49	61	65	60	50	33	17	7	34
MEAN DAILY MIN	1	-2	-1	12	26	40	52	57	52	42	28	12	1	27
EXTREME MIN	1	-43	-39	-20	-8	23	32	40	39	23	-7	-36	-43	-43
# DAYS GE 90	1	0	0	0	0	#	#	#	0	#	0	0	0	1
# DAYS LE 32	1	31	28	30	21	6	#	0	0	2	22	30	31	201
# DAYS LE 0	1	18	16	5	1	0	0	0	0	0	#	6	13	59
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	18	15	15	13	14	11	9	11	13	19	21	20	179
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	17	14	14	8	2	#	0	#	1	12	19	19	106
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (07 LST)	1	83	84	84	78	74	79	86	91	88	86	84	83	83
RH (16 LST)	1	81	75	69	56	45	49	53	55	56	69	78	80	64
VAPOR PRESS	1	.05	.05	.09	.14	.21	.35	.44	.39	.26	.16	.09	.06	.19
DEWPOINT	1	0	0	12	23	34	47	54	51	40	27	13	3	25
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	S	S	S	WSW	SW	NE	NE	NE	SW	S	S	S	S
MEAN SPEED														
(PVLG DRCTN)	1	13	12	11	12	13	9	8	8	11	13	13	13	11
MEAN SPEED														
(ALL OBS)	1	11	10	10	11	11	9	7	8	9	11	12	11	10
MAX PEAK GUST	1	35	39	35	54	51	21	35	29	31	31	45	39	54
PRESSURE ALT	1	1250	1150	1150	1250	1550	1350	1350	1300	1150	1150	1250	1400	1550
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	5	6	5	6	5	5	5	6	7	6	6	6
DAYS TSTMS	1	#	#	#	1	2	5	7	5	1	#	#	0	22
DAYS FOG LT 7	1	7	6	7	4	2	3	6	8	6	5	5	6	66
DAYS BNBD LT 7	1	#	0	#	0	0	#	#	0	0	#	0	0	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(KEMEROVO, RUSSIA)

REMARKS: # - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5X, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, THREE HOURLY
2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	55	48	33	20	11	10	12	17	21	39	53	53	31
03-05 LST	60	49	41	28	16	17	27	29	29	43	54	56	37
06-08 LST	57	53	46	40	26	28	42	45	40	44	55	55	44
09-11 LST	57	57	50	31	28	20	30	38	35	44	60	59	42
12-14 LST	57	53	45	28	20	13	20	20	32	42	48	53	36
15-17 LST	53	45	33	17	14	10	13	14	20	37	46	47	29
18-20 LST	48	44	26	18	13	8	9	13	16	38	43	50	27
21-23 LST	52	44	27	18	14	6	9	14	16	35	46	54	28
ALL HOURS	55	49	38	25	18	14	20	24	26	40	50	54	34

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	49	42	27	14	7	7	10	14	16	30	42	43	25
03-05 LST	55	44	36	21	12	14	25	28	24	32	44	47	32
06-08 LST	51	46	42	32	22	26	40	44	34	35	42	46	38
09-11 LST	54	55	48	27	20	14	27	34	29	37	51	52	37
12-14 LST	55	51	41	22	11	8	13	11	22	33	41	49	30
15-17 LST	49	42	27	12	7	4	7	7	10	27	38	42	23
18-20 LST	44	42	21	14	7	4	5	8	11	28	32	41	21
21-23 LST	46	39	20	12	8	4	6	10	10	25	36	45	22
ALL HOURS	50	45	33	19	12	10	17	20	20	31	41	46	29

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	20	9	7	3	3	4	6	7	15	17	19	11
03-05 LST	28	20	15	11	5	6	13	17	15	16	22	21	16
06-08 LST	25	20	20	18	10	12	22	29	21	20	21	20	20
09-11 LST	27	29	25	10	9	4	11	16	17	21	29	28	19
12-14 LST	27	26	18	7	3	3	3	4	8	15	21	23	13
15-17 LST	23	19	10	6	3	1	3	2	3	12	18	20	10
18-20 LST	20	18	9	6	4	2	1	3	5	14	15	18	10
21-23 LST	22	17	8	6	4	3	2	4	4	14	17	17	10
ALL HOURS	25	21	14	9	5	4	7	10	10	16	20	21	14

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	3	1	2	#	1	1	1	2	2	1	3	2
03-05 LST	6	3	3	2	0	1	4	5	6	2	3	2	3
06-08 LST	7	4	7	5	2	1	5	11	8	6	3	3	5
09-11 LST	8	9	4	1	2	1	2	2	6	1	5	8	4
12-14 LST	7	4	3	1	1	0	#	#	0	2	3	5	2
15-17 LST	5	4	1	1	#	#	1	#	0	1	2	3	2
18-20 LST	4	2	1	1	1	1	#	#	1	2	#	3	1
21-23 LST	4	2	1	1	#	#	0	#	1	2	2	4	1
ALL HOURS	6	4	3	2	1	1	2	3	3	2	3	4	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KEMEROVO, RUSSIA
 LOCATION: 5523N 8605E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 296420
 ELEVATION (FEET): 505
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 7

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	2	2	1	#	0	0	0	#
03-05 LST	#	#	0	0	0	1	1	1	#	0	#	0	#
06-08 LST	#	#	0	0	1	#	0	1	0	#	0	0	#
09-11 LST	#	0	0	0	0	#	#	0	0	0	#	0	#
12-14 LST	#	1	0	0	#	2	2	1	0	0	#	0	1
15-17 LST	0	#	0	#	1	3	5	3	#	0	#	0	1
18-20 LST	#	0	#	0	#	4	4	1	#	0	0	0	1
21-23 LST	0	0	0	#	1	3	3	4	1	0	0	0	1
ALL HOURS	#	#	#	#	#	2	2	2	#	#	#	0	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	4	8	7	4	5	8	8	2	#	4
03-05 LST	#	0	1	6	8	6	4	6	9	6	1	1	4
06-08 LST	1	#	1	3	6	6	3	2	6	8	1	#	3
09-11 LST	0	0	0	2	6	6	7	4	10	5	2	0	4
12-14 LST	#	1	2	4	8	7	8	7	7	5	2	1	4
15-17 LST	1	#	1	3	6	9	7	7	9	7	3	1	4
18-20 LST	#	0	#	5	7	8	5	7	8	7	1	#	4
21-23 LST	1	0	1	3	7	5	3	9	9	6	2	#	4
ALL HOURS	#	#	1	4	7	7	5	6	8	7	2	1	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	25	21	11	3	0	0	#	1	14	34	32	14
03-05 LST	32	27	22	9	2	0	0	0	#	18	35	33	15
06-08 LST	34	28	23	11	3	0	0	0	1	20	41	33	16
09-11 LST	29	27	20	8	3	0	0	0	0	17	35	30	14
12-14 LST	26	22	13	10	3	0	0	0	1	16	28	30	12
15-17 LST	23	17	16	8	2	0	0	0	1	15	26	25	11
18-20 LST	22	20	15	8	1	0	0	0	1	15	25	25	11
21-23 LST	30	24	18	8	1	#	0	0	1	14	31	31	13
ALL HOURS	28	24	18	9	2	#	0	#	1	16	32	30	13

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	2	2	1	#	1	0	1	2	3	3	2
03-05 LST	3	2	2	2	1	#	0	#	#	2	4	3	2
06-08 LST	4	4	1	3	2	0	1	0	0	2	5	2	2
09-11 LST	4	2	2	3	3	1	0	#	#	2	4	4	2
12-14 LST	4	3	2	3	6	2	1	2	2	4	5	4	3
15-17 LST	3	2	3	2	7	2	#	2	1	3	4	1	3
18-20 LST	5	3	2	2	4	2	1	0	2	3	6	3	3
21-23 LST	2	2	2	2	1	1	0	1	1	3	3	2	2
ALL HOURS	3	2	2	2	3	1	#	1	1	3	4	3	2

(KEMEROVO, RUSSIA)

REMARKS: # = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	19	9	7	2	3	4	6	7	14	15	18	11
03-05 LST	27	20	14	9	4	5	12	16	13	15	20	20	15
06-08 LST	24	19	19	17	10	11	21	28	20	19	20	18	19
09-11 LST	26	29	23	9	7	4	10	14	14	20	27	27	18
12-14 LST	27	26	17	6	2	2	3	3	6	14	20	23	13
15-17 LST	23	19	10	6	3	1	3	2	2	11	17	20	10
18-20 LST	20	17	9	6	3	2	1	3	4	13	13	18	9
21-23 LST	22	17	8	5	3	2	1	3	4	12	15	17	9
ALL HOURS	24	21	14	8	5	4	7	10	9	15	18	20	13

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	18	8	6	1	3	3	4	6	11	13	16	9
03-05 LST	26	19	13	8	3	5	12	14	11	12	17	18	13
06-08 LST	23	18	17	14	7	9	19	26	16	15	16	16	17
09-11 LST	26	27	23	9	6	1	8	10	12	15	22	24	15
12-14 LST	26	25	16	6	2	1	2	3	4	10	19	23	11
15-17 LST	23	19	9	5	2	1	2	1	#	9	15	19	9
18-20 LST	20	17	8	5	3	1	1	1	2	10	11	17	8
21-23 LST	22	16	8	4	2	1	1	2	3	10	12	16	8
ALL HOURS	24	20	13	7	3	3	6	8	7	12	16	19	11

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	9	2	3	#	1	1	2	3	5	5	7	4
03-05 LST	11	8	5	4	1	1	6	8	6	6	6	7	6
06-08 LST	12	8	9	6	4	2	9	17	11	8	7	6	8
09-11 LST	14	16	7	3	3	1	3	5	6	4	9	11	7
12-14 LST	13	10	6	2	1	0	#	1	#	3	8	10	5
15-17 LST	9	8	3	2	1	1	1	#	0	3	6	8	3
18-20 LST	9	7	3	2	2	1	#	#	2	3	4	7	3
21-23 LST	8	5	3	2	#	1	0	1	2	4	5	7	3
ALL HOURS	11	9	5	3	1	1	3	4	4	5	6	8	5

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	0	1	1	#	1	1	#	1	1	#	1	1
03-05 LST	3	1	1	2	0	#	1	2	4	1	1	1	2
06-08 LST	3	1	4	2	2	1	2	8	6	3	2	#	3
09-11 LST	4	4	1	#	1	1	2	1	3	1	4	3	2
12-14 LST	3	1	1	#	#	0	0	#	0	#	1	1	1
15-17 LST	2	1	#	#	#	#	#	0	0	1	1	1	1
18-20 LST	2	#	1	#	1	1	0	#	1	1	#	1	1
21-23 LST	1	1	#	#	#	#	0	#	1	1	1	1	1
ALL HOURS	2	1	1	1	1	1	1	1	2	1	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: Khabarovsk/Novy, USSR
LOCATION: 4831N 13511E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 317350
ELEVATION (FEET): 236
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +10

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	1	30	32	58	72	86	91	97	95	82	74	56	36	97
MEAN DAILY MAX	1	0	7	26	47	62	72	78	74	64	46	24	5	42
MEAN	1	-7	1	18	39	54	65	71	67	56	38	17	-1	35
MEAN DAILY MIN	1	-13	-6	10	31	45	56	63	60	47	30	10	-6	27
EXTREME MIN	1	-36	-30	-17	9	30	40	52	44	28	5	-20	-34	-36
# DAYS GE 90	1	0	0	0	0	0	#	1	#	0	0	0	0	1
# DAYS LE 32	1	31	28	31	18	1	0	0	0	#	18	30	31	188
# DAYS LE 0	1	29	24	5	0	0	0	0	0	0	5	24	87	
2. PRECIPITATION (INCHES)														
MAXIMUM	2	1.3	0.6	0.6	2.4	5.4	5.1	6.6	7.0	3.7	3.3	1.3	1.2	N/A
MEAN	2	0.4	0.3	0.5	1.3	2.2	2.9	4.0	4.5	3.4	1.5	0.6	0.4	22.0
MINIMUM	2	0.0	0.0	0.0	0.0	0.5	1.2	1.4	2.8	0.6	0.4	0.0	0.0	N/A
MAX 24 HR	2	0.6	0.3	0.2	0.7	1.7	1.8	2.6	2.6	0.7	0.9	0.4	0.5	2.6
# DAYS GE 0.004	1	6	5	6	7	7	7	8	6	5	5	6	75	
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	6	5	5	2	0	0	0	0	1	4	6	29	
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°)														
RH (7 LST)	1	78	79	79	78	76	82	88	89	86	75	73	78	80
RH (16 LST)	1	69	65	58	50	44	53	59	61	53	46	57	68	57
VAPOR PRESS	1	.03	.04	.08	.16	.25	.43	.57	.52	.33	.15	.07	.04	.22
DEWPOINT	1	-11	-5	10	27	38	53	62	59	46	25	8	-6	26
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCN	1	WSW	WSW	WSW	WSW	NE	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW
MEAN SPEED														
(PVLG DRCN)	1	13	13	13	12	12	10	10	11	12	13	14	13	12
MEAN SPEED														
(ALL OBS)	1	7	8	9	9	10	8	7	8	9	10	11	9	9
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	900	800	870	1180	1420	1070	950	1060	1080	1280	850	860	1420
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	4	5	5	5	5	4	4	4	3	4	
DAYS TSTMS	1	.0	0	#	#	2	4	6	4	2	0	#	#	18
DAYS FOG LT 7	1	16	12	6	2	3	2	5	5	5	2	3	11	72
DAYS BNBD LT 7	1	#	0	0	#	#	#	0	0	#	#	#	0	1
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN														

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, POR VARIED

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	13	11	16	9	11	12	17	9	13	10	18	13
03-05 LST	22	12	13	16	15	15	20	25	12	16	11	19	16
06-08 LST	27	19	19	19	18	18	26	29	21	19	12	22	21
09-11 LST	44	38	25	21	17	18	22	27	19	21	16	35	25
12-14 LST	31	16	12	21	17	20	22	30	18	20	13	24	20
15-17 LST	20	9	8	17	13	12	15	19	11	18	13	16	14
18-20 LST	21	9	8	12	9	8	12	14	10	17	11	16	12
21-23 LST	22	13	8	16	9	8	13	16	9	14	12	17	13
ALL HOURS	26	16	13	17	13	14	18	22	14	17	12	21	17

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	13	10	12	7	8	7	13	7	12	9	17	11
03-05 LST	22	12	13	11	11	14	15	21	10	14	10	19	14
06-08 LST	27	19	17	16	15	14	22	24	17	17	11	21	18
09-11 LST	44	38	24	17	10	12	16	22	14	19	16	35	22
12-14 LST	31	16	11	13	7	7	10	16	7	15	11	23	14
15-17 LST	20	9	6	9	6	3	6	11	6	14	12	15	10
18-20 LST	21	9	7	9	5	3	7	10	6	14	10	16	10
21-23 LST	22	12	7	11	6	4	8	14	7	11	10	16	11
ALL HOURS	26	16	12	12	8	8	11	16	9	15	11	20	14

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	9	6	8	4	5	6	9	4	10	7	11	8
03-05 LST	14	10	9	9	8	10	10	14	6	12	7	11	10
06-08 LST	21	15	13	12	11	10	16	19	11	13	8	16	14
09-11 LST	37	30	17	12	7	8	13	15	9	13	11	27	17
12-14 LST	21	11	7	8	3	3	6	9	4	10	7	15	9
15-17 LST	12	7	5	7	2	1	3	8	3	9	8	9	6
18-20 LST	14	7	5	6	3	1	4	7	4	9	6	10	6
21-23 LST	15	10	5	8	4	2	5	8	4	8	8	11	7
ALL HOURS	19	12	8	9	5	5	8	11	6	11	8	14	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	#	#	#	1	2	1	1	1	1	1
03-05 LST	1	1	2	1	2	3	2	2	1	2	0	1	2
06-08 LST	2	2	2	2	2	2	3	4	4	3	1	2	2
09-11 LST	1	1	2	#	1	#	#	1	1	2	1	2	1
12-14 LST	#	1	1	0	0	0	#	#	#	2	#	1	1
15-17 LST	1	1	1	2	#	#	0	#	0	1	#	1	1
18-20 LST	#	1	#	#	#	0	1	#	#	1	#	1	1
21-23 LST	#	1	#	1	0	#	1	#	#	1	1	1	1
ALL HOURS	1	1	1	1	1	1	1	1	1	2	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: Khabarovsk/Novy, USSR
 LOCATION: 4831N 13511E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 317350
 ELEVATION (FEET): 236
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	1	2	1	#	0	0	0	#
03-05 LST	0	0	0	0	0	#	1	#	0	0	0	0	#
06-08 LST	0	0	1	0	0	1	1	1	#	0	#	0	#
09-11 LST	0	0	0	0	0	#	#	#	0	0	0	#	#
12-14 LST	0	0	0	#	#	1	1	#	#	0	0	0	#
15-17 LST	0	0	0	0	1	2	3	1	#	0	0	0	1
18-20 LST	0	0	0	0	1	3	3	2	1	0	0	0	1
21-23 LST	0	0	#	0	1	2	3	2	#	0	0	0	1
ALL HOURS	0	0	#	#	0	1	2	1	#	0	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	7	9	9	8	11	9	5	#	0	5
03-05 LST	0	#	#	5	12	7	10	11	8	4	#	0	5
06-08 LST	#	0	#	5	11	9	10	13	9	5	1	0	5
09-11 LST	0	0	1	6	10	10	9	12	9	4	#	#	5
12-14 LST	0	0	#	7	9	9	9	11	8	6	1	0	5
15-17 LST	#	#	#	9	9	6	8	12	9	7	1	0	5
18-20 LST	0	0	0	8	10	10	8	11	10	7	0	#	5
21-23 LST	0	#	1	9	11	10	7	12	8	3	#	#	5
ALL HOURS	#	#	1	7	10	9	9	12	9	5	1	#	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	12	11	8	0	0	0	0	0	4	10	13	6
03-05 LST	14	14	13	8	0	0	0	0	#	5	11	14	7
06-08 LST	16	14	15	8	#	0	0	0	0	6	10	15	7
09-11 LST	12	11	13	9	1	0	0	0	#	4	11	16	6
12-14 LST	11	11	9	7	1	0	0	0	0	3	11	14	6
15-17 LST	13	9	8	5	#	0	0	0	0	5	12	13	6
18-20 LST	14	11	7	5	0	0	0	0	0	3	11	14	5
21-23 LST	13	13	8	5	0	0	#	0	0	3	10	13	5
ALL HOURS	13	12	11	7	#	0	#	0	#	4	11	14	6

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	1	1	0	#	#	1	1	2	1	1
03-05 LST	#	1	#	#	1	0	0	#	1	1	2	1	1
06-08 LST	2	1	1	#	1	#	0	0	1	1	3	1	1
09-11 LST	1	2	2	2	2	#	0	#	2	2	3	1	1
12-14 LST	2	2	2	3	3	#	#	1	2	4	4	2	2
15-17 LST	2	3	2	2	3	#	#	#	2	3	3	2	2
18-20 LST	1	1	1	1	2	#	#	#	1	1	1	1	1
21-23 LST	#	1	1	1	#	0	0	1	1	1	1	1	1
ALL HOURS	1	2	1	1	2	#	#	#	2	2	2	1	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	9	6	8	3	5	5	9	4	9	7	11	7
03-05 LST	14	10	9	9	8	10	10	14	6	12	7	11	10
06-08 LST	21	15	13	12	11	9	15	19	10	13	8	16	13
09-11 LST	37	30	17	12	6	7	10	14	9	12	11	27	16
12-14 LST	21	11	7	7	2	2	4	9	4	10	7	15	8
15-17 LST	12	7	5	7	2	1	3	8	3	9	8	9	6
18-20 LST	14	7	5	6	2	1	4	6	4	9	6	10	6
21-23 LST	15	10	5	8	3	2	5	8	4	8	8	11	7
ALL HOURS	19	12	8	9	5	5	7	11	5	10	8	14	9

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	7	5	6	2	3	4	7	2	7	5	9	6
03-05 LST	12	8	7	8	5	8	8	10	5	10	6	8	8
06-08 LST	16	11	10	9	7	7	12	14	9	11	7	12	10
09-11 LST	30	20	14	8	3	4	6	11	5	9	9	20	11
12-14 LST	17	7	5	4	1	1	2	4	3	8	6	10	6
15-17 LST	10	5	3	4	1	1	1	4	2	6	6	6	4
18-20 LST	13	5	4	4	1	1	2	4	2	7	5	7	5
21-23 LST	11	7	4	6	2	1	4	5	2	7	5	9	5
ALL HOURS	15	9	6	6	3	3	5	7	4	8	6	10	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	2	1	1	1	1	3	1	4	3	3	2
03-05 LST	3	3	3	3	2	4	4	4	2	5	2	3	3
06-08 LST	5	4	5	5	3	3	5	7	6	8	3	3	5
09-11 LST	10	7	5	3	2	1	1	3	2	5	5	7	4
12-14 LST	4	2	3	1	0	0	0	1	0	3	1	4	2
15-17 LST	2	2	1	3	0	0	0	1	0	3	3	1	1
18-20 LST	2	2	2	2	1	0	1	1	1	3	1	2	1
21-23 LST	2	1	2	2	0	0	1	2	0	4	2	3	2
ALL HOURS	4	3	3	3	1	1	2	3	2	4	3	3	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	0	0	0	0	1	1	1	0	0	1	0
03-05 LST	1	1	1	1	1	1	2	1	1	0	0	0	1
06-08 LST	1	1	2	1	1	1	2	3	3	1	1	1	1
09-11 LST	0	1	1	0	0	0	0	1	1	1	1	1	1
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	1	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	1	0
21-23 LST	0	1	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	1	0	0	0	1	1	1	0	0	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KHAMAR-DABAN
LOCATION: 51°32'N, 103°37'E
PREPARED BY: USAFETAC/ECR, MAY 1988

STATION #: 308150
ELEVATION (FEET): 4731
PERIOD: 7301-8612

ICAO ID: NONE
LST - GMT +8

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	49	54	58	76	78	86	90	85	79	72	58	47	90
MEAN DLY MAX	1	10	12	20	29	44	55	59	56	48	33	23	14	34
MEAN	1	4	5	12	24	39	51	54	51	42	28	16	7	28
MEAN DLY MIN	1	-1	-2	5	18	31	45	48	46	37	20	9	0	21
EXTREME MIN	1	-44	-37	-31	-19	2	20	30	20	5	-22	-31	-46	-46
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	1
# DAYS > 32	1	26	26	26	23	13	2	1	8	21	26	26	198	
# DAYS > 0	1	17	15	9	1	0	0	0	0	0	6	12	61	
2. PRECIPITATION (INCHES)														
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	2	1.02	.98	1.97	3.35	5.04	8.31	10.32	8.35	5.55	2.95	1.73	1.34	51.72
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.04	2	14	12	15	16	17	18	20	19	15	13	13	14	186
# DAYS > 0.4	2	0	0	1	3	4	6	7	7	5	3	1	0	37
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.1		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)														
RH (05 LST)	1	74	73	74	73	71	77	85	82	77	70	73	72	75
RH (17 LST)	1	67	63	60	55	54	63	73	74	69	65	66	67	65
VAPOR PRESS	1	.04	.04	.05	.08	.15	.26	.33	.29	.20	.10	.06	.04	.14
DEWPOINT	1	-4	-3	2	12	25	40	46	43	33	16	6	-1	18
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLC DRCTN	1	\$SW	\$SW	\$NNE	\$NNE	\$NNE	\$NNE	\$NNE	\$NNE	\$NNE	\$NNE	\$SW	\$SW	\$NNE
MEAN SPEED														
(PVLC DRCTN)	1	3	4	5	5	5	5	4	4	4	4	4	4	4
MEAN SPEED														
(ALL OBS)	1	2	2	3	3	3	3	2	3	2	3	2	2	3
MAX (PK GST)	1	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	5470	6130	6140	5970	6330	6260	6240	6320	6150	6090	6290	6340	6340
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	#	#	#	#	#	#	#	#	#	#	#	#	#
DAYS TSTMS	1	0	0	0	0	0	3	5	4	2	0	0	0	14
DAYS FOG < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	1
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE
 \$ - % CALM > PVLC DRCTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	12	20	28	28	36	42	32	35	27	25	15	27
03-05 LST	19	13	23	33	35	34	45	36	36	31	23	18	29
06-08 LST	18	15	24	28	35	41	44	40	41	34	27	19	30
09-11 LST	17	12	27	36	41	52	57	45	40	24	25	17	33
12-14 LST	18	14	32	42	42	53	66	55	48	34	26	18	37
15-17 LST	19	13	24	34	40	45	59	55	43	33	26	18	34
18-20 LST	16	13	19	28	34	38	44	40	37	32	26	18	29
21-23 LST	19	12	18	29	31	36	44	34	36	28	22	15	27
ALL HOURS	18	13	23	32	36	42	50	42	40	30	25	17	31

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	11	17	21	20	19	27	18	25	23	22	14	20
03-05 LST	19	13	23	25	26	20	29	20	29	26	22	17	22
06-08 LST	17	14	22	24	27	24	29	27	29	28	22	17	23
09-11 LST	15	10	22	23	23	27	37	26	30	18	22	13	22
12-14 LST	13	10	21	21	20	23	32	26	29	26	22	13	21
15-17 LST	16	10	16	19	20	20	27	27	26	27	21	15	20
18-20 LST	14	12	15	16	19	19	27	24	27	25	24	16	20
21-23 LST	18	12	17	19	18	16	29	17	24	25	21	14	19
ALL HOURS	16	12	19	21	21	21	30	23	27	25	22	15	21

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	8	13	11	9	17	10	18	16	11	7	11
03-05 LST	5	6	9	17	18	12	18	10	17	16	11	6	12
06-08 LST	5	6	12	16	19	15	21	18	20	19	13	7	14
09-11 LST	5	5	13	11	15	18	27	16	16	10	14	6	13
12-14 LST	5	4	12	12	11	11	20	14	17	17	12	6	12
15-17 LST	6	3	12	8	9	10	16	14	17	20	12	8	11
18-20 LST	5	5	7	11	9	10	16	15	16	17	12	8	11
21-23 LST	5	4	8	11	10	8	15	8	16	16	12	5	10
ALL HOURS	5	5	10	12	13	12	19	13	17	16	12	7	12

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	1	2	4	2	7	6	10	7	2	#	3
03-05 LST	0	1	#	3	7	6	7	5	8	5	1	1	4
06-08 LST	#	3	2	4	4	6	11	10	14	8	3	#	5
09-11 LST	0	1	1	2	8	10	14	9	7	5	3	2	5
12-14 LST	0	#	1	3	5	6	10	8	10	7	2	2	5
15-17 LST	1	#	1	1	3	6	9	8	11	8	5	1	4
18-20 LST	#	#	#	3	5	6	9	9	12	7	3	1	5
21-23 LST	#	1	1	3	4	1	7	4	7	7	2	1	3
ALL HOURS	#	1	1	3	5	5	9	7	10	7	3	1	4

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: KHAMAR-DABAN
LOCATION: 51°32'N, 103°37'E
PREPARED BY: USAFETAC/ECR, MAY 1988

STATION #: 308150
ELEVATION (FEET): 4731
PERIOD: 7301-8612

ICAO ID: NONE
LST = GMT +8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	1	1	#	0	0	0	#
03-05 LST	0	0	#	0	#	9	#	1	#	0	0	0	#
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	1	5	2	#	0	0	0	1
15-17 LST	0	0	0	0	0	2	6	3	1	0	#	0	1
18-20 LST	0	0	0	0	0	2	4	3	1	0	0	0	1
21-23 LST	0	0	0	0	0	2	1	#	1	0	0	0	#
ALL HOURS	0	0	#	0	#	1	2	1	1	0	#	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	4	14	21	12	11	0	#	#	5
03-05 LST	0	0	#	#	6	12	22	14	12	#	0	0	6
06-08 LST	#	0	0	0	5	15	22	14	13	#	#	0	6
09-11 LST	0	0	0	1	4	15	24	13	8	1	0	0	5
12-14 LST	#	0	#	1	4	13	22	16	7	#	#	#	5
15-17 LST	0	0	#	#	3	17	20	18	8	0	1	1	6
18-20 LST	0	0	#	#	8	14	23	15	11	#	#	1	6
21-23 LST	1	0	#	#	6	14	18	12	10	#	0	#	5
ALL HOURS	#	0	#	#	5	14	21	14	10	#	#	#	6

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	20	25	28	17	3	0	1	9	21	25	17	16
03-05 LST	28	24	31	28	18	2	#	2	10	23	27	20	18
06-08 LST	24	20	30	31	19	4	#	2	8	25	26	19	17
09-11 LST	28	23	31	28	19	5	1	1	10	19	25	19	17
12-14 LST	27	23	30	32	18	2	#	2	9	23	26	21	18
15-17 LST	24	24	26	25	15	2	#	3	6	20	26	18	16
18-20 LST	22	19	20	19	11	2	0	1	6	18	24	19	13
21-23 LST	25	20	20	23	14	2	0	#	8	21	22	19	15
ALL HOURS	25	22	27	27	17	3	#	1	8	21	25	19	16

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	#	0	#	0	0	#
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	1	0	0	#	0	#
12-14 LST	0	0	0	0	0	#	1	0	0	0	0	0	#
15-17 LST	0	#	0	0	0	0	0	0	0	0	0	#	#
18-20 LST	0	0	#	1	0	0	0	#	0	0	#	0	#
21-23 LST	0	0	0	0	#	#	0	0	0	#	0	0	#
ALL HOURS	0	#	#	#	#	#	#	#	0	#	#	#	#

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	8	13	11	9	17	10	18	16	11	7	11
03-05 LST	5	6	9	17	18	12	18	10	17	16	11	6	12
06-08 LST	5	6	12	16	19	15	21	18	20	19	13	7	14
09-11 LST	5	5	13	11	15	18	27	16	16	10	14	6	13
12-14 LST	5	4	12	12	11	11	20	14	17	17	12	6	12
15-17 LST	6	3	12	8	9	10	16	14	17	20	12	8	11
18-20 LST	5	5	7	11	9	10	16	15	16	17	12	8	11
21-23 LST	5	4	8	11	10	8	15	8	16	16	12	5	10
ALL HOURS	5	5	10	12	13	12	19	13	17	16	12	7	12

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	8	13	10	7	14	10	16	15	11	6	10
03-05 LST	4	6	9	16	17	10	17	9	15	16	11	6	11
06-08 LST	5	5	11	16	17	12	18	16	18	17	13	7	13
09-11 LST	5	5	12	10	14	15	24	13	12	10	13	6	12
12-14 LST	5	4	12	12	10	9	15	12	14	16	11	6	11
15-17 LST	6	3	12	8	8	9	15	12	15	18	12	8	10
18-20 LST	5	5	7	10	6	9	14	13	15	16	12	8	10
21-23 LST	5	4	8	11	10	5	13	8	13	15	12	5	9
ALL HOURS	5	5	10	12	12	9	16	12	15	15	12	7	11

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	2	5	7	3	8	6	11	8	5	2	5
03-05 LST	2	2	3	7	12	7	9	5	10	8	3	2	6
06-08 LST	2	3	5	12	11	8	15	12	15	13	7	2	9
09-11 LST	1	2	7	8	12	12	19	10	10	7	8	5	8
12-14 LST	1	1	6	6	8	7	12	10	12	11	6	4	7
15-17 LST	2	1	5	5	7	8	10	9	13	11	9	4	7
18-20 LST	2	1	5	4	7	7	10	11	13	12	6	2	7
21-23 LST	2	1	2	4	6	2	10	5	9	10	6	3	5
ALL HOURS	2	2	4	6	9	7	12	9	11	10	6	3	7

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	1	3	1	5	4	7	4	1	0	2
03-05 LST	0	1	0	1	4	4	5	4	6	1	1	#	2
06-08 LST	#	1	#	1	2	4	8	7	10	4	1	0	3
09-11 LST	0	0	0	1	5	4	11	7	4	2	2	1	3
12-14 LST	0	#	1	2	3	4	6	7	8	5	1	1	3
15-17 LST	1	#	#	#	2	4	5	6	9	6	4	#	3
18-20 LST	0	#	#	2	3	4	6	7	11	5	2	0	3
21-23 LST	#	#	0	1	2	1	5	3	5	4	2	#	2
ALL HOURS	#	1	#	1	3	3	6	6	8	4	2	#	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KHEYSIA ISLAND, USSR
 LOCATION: 80°37'N, 58°04'E
 PREPARED BY: USAFETAC/ECR, JUL 1988

STATION #: 200460
 ELEVATION (FEET): 66
 PERIOD: 7301-8612

ICAO ID: N/A
 LST - GMT +3

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	2	30	32	27	32	36	41	45	45	39	37	36	34	45
MEAN DLY MAX	1	-5	-6	-5	1	18	31	35	33	28	16	2	-2	12
MEAN	1	-11	-12	-11	-3	15	29	34	32	26	13	-2	-8	9
MEAN DLY MIN	1	-15	-16	-15	-6	11	27	32	30	23	9	-5	-12	5
EXTREME MIN	2	-44	-47	-42	-36	-18	9	23	21	1	-24	-36	-44	-47
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32	1	31	28	31	30	31	28	21	26	29	31	30	31	346
# DAYS > 0	1	27	24	27	23	3	0	0	0	0	7	22	26	161
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)														
RH (18 LST)	1	84	81	81	83	86	90	92	92	89	86	85	85	86
RH (06 LST)	1	84	81	81	82	83	87	90	90	88	86	84	85	85
VAPOR PRESS	1	.03	.03	.03	.04	.08	.15	.18	.17	.13	.08	.04	.03	.08
DEWPOINT	1	-13	-15	-14	-6	11	26	31	30	23	10	-4	-11	6
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLC DRCTN	1	NE	\$SE	\$SE	NE	NE	NE	\$W	\$W	NE	NE	NE	NE	\$NE
MEAN SPEED														
(PVLC DRCTN)	1	17	14	15	16	13	16	10	10	16	16	17	18	15
MEAN SPEED														
(ALL OBS)	1	12	11	11	11	11	11	8	9	12	12	12	12	11
MAX (PK GST)	1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	1500	1600	1300	1050	950	1050	1050	1100	1100	1100	1300	1750	1750
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	1	1	1	1	3	4	3	4	4	3	2	1	2
DAYS TSTMS	1	#	#	#	#	0	#	#	#	#	0	#	#	3
DAYS FOG < 7	1	1	2	2	2	1	4	13	12	6	2	1	2	47
DAYS BNBD < 7	1	#	#	#	0	0	0	0	0	#	0	0	#	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2. WORLDWIDE AIRFIELD CLIMATIC DATA, POR 10 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	34	36	34	27	56	70	67	71	75	55	40	37	50
06-08 LST	36	43	30	30	54	70	63	69	76	55	33	38	50
09-11 LST	33	40	36	29	51	64	61	71	75	56	36	35	49
12-14 LST	35	41	32	25	49	65	62	64	74	56	37	37	48
15-17 LST	35	37	30	26	51	63	60	69	74	55	37	38	48
18-20 LST	36	39	33	29	53	63	67	75	75	56	36	36	49
21-23 LST	36	40	32	29	57	66	65	71	76	53	36	39	50
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	28	30	30	20	36	43	56	55	56	39	29	29	37
06-08 LST	31	35	25	23	32	45	49	47	54	41	27	30	37
09-11 LST	28	33	30	22	35	40	48	52	54	39	25	27	36
12-14 LST	29	36	26	20	29	40	48	47	49	37	26	27	34
15-17 LST	28	31	25	20	32	37	45	52	54	35	27	26	34
18-20 LST	30	30	27	22	33	39	51	50	54	38	26	28	36
21-23 LST	30	33	26	23	36	43	54	55	56	36	28	29	37
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	19	19	15	14	17	21	38	39	35	21	17	17	23
06-08 LST	20	22	10	16	15	21	40	35	32	20	16	18	22
09-11 LST	18	20	17	15	17	20	31	35	33	21	16	17	22
12-14 LST	19	21	16	12	15	20	31	30	31	21	18	18	21
15-17 LST	20	18	15	11	14	17	32	33	31	19	18	17	20
18-20 LST	20	21	13	13	14	18	35	33	33	19	19	17	21
21-23 LST	18	20	15	13	16	22	35	37	35	19	17	17	22
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	4	4	3	3	2	2	10	8	6	1	2	3	4
06-08 LST	5	8	4	3	1	2	11	7	6	1	2	3	4
09-11 LST	5	4	4	3	1	2	7	6	6	2	2	3	4
12-14 LST	4	4	3	1	2	2	8	6	5	1	2	3	4
15-17 LST	4	4	2	2	2	2	7	6	6	3	1	3	3
18-20 LST	5	5	3	1	1	3	8	7	6	2	3	4	4
21-23 LST	3	4	2	3	3	3	10	8	5	1	2	3	4
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: KHEYSA ISLAND, USSR
LOCATION: 80°37'N, 58°04'E
PREPARED BY: USAFETAC/ECR, JUL 1988

STATION #: 200460
ELEVATION (FEET): 66
PERIOD: 7301-8612

ICAO ID: N/A
LST - GMT +13

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	#	#	0	0	#	0	0	0	0	0	0	#
06-08 LST	0	0	#	#	0	0	0	0	0	0	0	0	#
09-11 LST	#	0	#	#	0	0	0	0	0	0	0	0	#
12-14 LST	0	0	#	#	0	0	0	0	0	0	0	1	#
15-17 LST	0	0	0	#	0	0	0	0	0	0	0	0	#
18-20 LST	#	0	#	0	0	#	0	0	1	0	#	0	#
21-23 LST	#	0	#	#	0	0	0	#	#	0	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	0	#	0	0	2	11	7	5	1	#	#	2
06-08 LST	#	0	0	0	#	4	8	8	3	#	0	#	2
09-11 LST	0	0	0	0	#	2	7	6	3	1	0	0	2
12-14 LST	0	#	0	1	0	1	7	6	6	#	1	1	2
15-17 LST	0	0	0	#	1	3	9	8	4	0	0	0	2
18-20 LST	#	#	0	0	1	3	10	9	3	#	0	1	2
21-23 LST	0	1	1	#	#	3	8	9	5	#	#	#	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	36	42	35	23	44	28	8	15	33	46	38	37	32
06-08 LST	37	43	27	28	43	25	9	17	32	49	38	41	32
09-11 LST	33	35	27	28	39	26	8	15	33	39	38	36	30
12-14 LST	34	29	25	25	36	27	7	15	30	41	34	36	28
15-17 LST	35	30	26	25	40	23	7	15	30	40	38	39	29
18-20 LST	35	34	24	25	41	28	10	14	28	44	36	37	30
21-23 LST	37	38	31	25	45	26	10	14	31	44	36	38	31
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	11	7	5	3	4	1	1	5	7	11	8	6
06-08 LST	13	12	5	6	3	4	1	1	7	7	5	9	6
09-11 LST	8	7	6	5	5	4	1	2	6	7	10	8	6
12-14 LST	10	8	6	6	4	2	2	#	7	8	9	9	6
15-17 LST	10	9	5	6	3	5	1	1	7	6	9	8	6
18-20 LST	10	8	5	6	3	4	2	1	6	7	12	6	6
21-23 LST	8	10	4	5	2	3	1	1	7	7	8	9	6
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	17	17	15	13	14	18	35	35	33	19	16	16	21
06-08 LST	19	21	10	15	13	16	38	32	30	17	16	17	20
09-11 LST	17	19	16	14	14	16	29	32	29	19	16	16	20
12-14 LST	18	19	15	12	13	15	28	28	25	18	15	17	19
15-17 LST	19	17	14	11	11	15	27	29	29	16	17	16	18
18-20 LST	19	19	12	12	12	15	32	31	31	16	18	15	19
21-23 LST	17	19	14	13	14	18	32	33	32	16	16	16	20
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	13	13	9	9	6	10	23	19	19	10	10	11	13
06-08 LST	15	16	7	11	5	7	26	17	18	9	10	12	13
09-11 LST	13	14	10	8	6	6	18	16	16	11	11	12	12
12-14 LST	13	12	9	9	6	8	19	16	17	13	10	15	12
15-17 LST	14	14	7	7	4	9	16	20	17	10	10	12	11
18-20 LST	14	13	10	7	6	9	18	20	19	10	12	11	12
21-23 LST	12	14	9	8	5	9	22	21	19	9	11	11	13
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	7	8	4	6	4	4	15	11	9	4	6	5	7
06-08 LST	10	13	5	6	2	3	16	9	9	4	3	6	7
09-11 LST	8	8	6	6	3	3	10	9	10	4	4	7	6
12-14 LST	9	6	5	3	3	4	11	9	8	4	5	8	6
15-17 LST	8	8	4	4	3	3	10	10	8	5	5	7	6
18-20 LST	9	6	6	5	2	4	11	9	9	5	7	7	7
21-23 LST	8	8	4	5	2	4	14	12	10	3	5	6	7
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	2	2	1	1	1	3	3	2	#	#	1	2
06-08 LST	4	5	3	3	0	0	4	2	2	#	0	2	2
09-11 LST	2	3	3	2	1	1	3	1	1	1	1	2	2
12-14 LST	3	2	2	1	1	1	3	2	1	0	1	2	2
15-17 LST	2	3	1	1	1	1	3	1	1	#	1	1	1
18-20 LST	3	4	2	1	#	1	3	3	1	1	1	2	2
21-23 LST	2	2	1	1	0	1	3	2	1	1	1	2	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KOMSOMOLSK-ON-AMUR, USSR	STATION #: 315610	ICAO: N/A
LOCATION: 5036N 13706E	ELEVATION (FEET): 62	LST = GMT +10
PREPARED BY: USAFETAC/ECO, APR 1989	PERIOD: 7301-8612	

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	26	28	52	68	87	88	94	88	78	68	70	73	94
MEAN DAILY MAX	-5	4	23	43	59	71	76	70	61	42	19	0	39
MEAN	-13	-4	14	36	50	63	69	65	54	36	12	-7	31
MEAN DAILY MIN	-21	-14	4	28	42	54	62	59	46	28	4	-15	23
EXTREME MIN	-44	-40	-26	0	23	36	42	40	21	4	-30	-43	-44
# DAYS GE 90	0	0	0	0	0	0	1	0	0	0	0	0	1
# DAYS LE 32	30	27	31	22	3	0	0	0	1	22	30	31	197
# DAYS LE 0	29	24	12	0	0	0	0	0	0	0	11	28	104
2. PRECIPITATION (INCHES)													
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MINIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	9	7	6	8	7	6	8	8	7	7	8	9	89
# DAYS GE 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	8	7	6	5	1	0	0	0	0	4	8	9	48
# DAYS GE 1.5	#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (7 LST)	79	81	84	83	79	83	88	91	91	83	82	80	84
RH (16 LST)	73	67	58	50	45	50	58	61	58	53	64	73	59
VAPOR PRESS	.02	.03	.07	.14	.23	.41	.54	.49	.33	.15	.07	.03	.21
DEWPOINT	-17	-9	7	25	36	52	60	57	46	26	5	-11	23
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	\$N	\$N	N	N	N	N	N	N	N	N	S	\$S	N
MEAN SPEED													
(PVLG DRCTN)	12	13	12	13	12	10	10	10	10	11	13	13	12
MEAN SPEED													
(ALL OBS)	6	7	9	10	10	9	9	9	9	9	9	7	9
MAX PEAK GUST	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	950	650	650	1000	1250	900	850	900	900	800	850	650	1250
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	4	4	4	5	5	5	5	5	5	5	4	4	5
DAYS TSTMS	#	#	#	#	1	3	4	3	1	#	#	#	12
DAYS FOG LT 7	20	13	8	2	2	3	3	5	7	4	9	16	92
DAYS BNBD LT 7	0	0	0	0	0	#	0	0	0	0	#	#	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	48	35	16	22	17	17	24	24	21	30	29	44	27
03-05 LST	56	39	23	26	20	22	29	33	32	32	34	49	33
06-08 LST	64	48	28	27	24	30	38	48	49	37	39	52	40
09-11 LST	70	54	27	27	22	24	37	43	45	37	38	59	40
12-14 LST	56	23	15	24	20	16	25	30	24	31	26	48	28
15-17 LST	24	13	8	16	16	10	19	23	15	20	15	28	17
18-20 LST	31	17	6	13	13	13	16	19	13	22	22	38	19
21-23 LST	40	24	11	16	15	15	16	22	16	28	23	41	22
ALL HOURS	49	32	17	21	18	18	26	30	27	29	28	45	28

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	48	33	15	19	8	11	13	14	13	24	26	41	22
03-05 LST	56	38	21	21	12	16	19	23	22	25	31	48	28
06-08 LST	63	47	25	23	15	19	30	39	36	30	37	51	35
09-11 LST	69	53	24	18	13	14	25	31	34	29	35	59	34
12-14 LST	55	22	8	10	8	5	12	13	10	20	22	46	19
15-17 LST	23	11	5	8	6	5	8	9	7	14	13	26	11
18-20 LST	30	16	6	8	5	6	9	9	5	16	19	36	14
21-23 LST	40	24	10	13	8	7	8	11	8	23	21	40	18
ALL HOURS	48	31	14	15	9	10	15	19	17	23	25	44	22

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	11	4	6	2	2	3	5	3	12	7	16	7
03-05 LST	21	11	6	8	2	5	5	8	8	13	10	18	10
06-08 LST	27	17	12	15	6	11	17	25	24	17	14	19	17
09-11 LST	62	47	18	11	4	6	10	14	18	21	26	52	24
12-14 LST	48	1	6	5	2	1	5	5	3	15	14	41	14
15-17 LST	17		4	5	2	1	3	5	2	10	9	19	7
18-20 LST	15	7	5	6	2	0	2	3	2	11	9	19	7
21-23 LST	16	9	4	5	2	2	2	4	2	14	9	17	7
ALL HOURS	28	16	7	8	3	3	6	9	8	14	12	25	12

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	0	1	0	1	1	1	1	4	1	1	1
03-05 LST	1	0	1	1	0	2	1	2	4	3	2	1	2
06-08 LST	1	0	3	2	1	4	4	9	10	5	2	2	4
09-11 LST	7	5	1	1	1	0	0	1	2	7	4	6	3
12-14 LST	3	2	0	1	0	0	0	0	0	5	2	3	1
15-17 LST	1	2	0	1	1	0	0	1	0	4	0	2	1
18-20 LST	1	1	1	0	0	0	0	1	0	3	1	2	1
21-23 LST	1	2	0	1	0	0	0	1	1	3	1	1	1
ALL HOURS	2	1	1	1	0	1	1	2	2	4	2	2	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KOMSOMOLSK-ON-AMUR, USSR
LOCATION: 5036N 13706E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 315610
ELEVATION (FEET): 62
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	0	1	1	1	0	0	0	#	#
03-05 LST	0	0	0	0	0	1	1	1	#	0	0	0	#
06-08 LST	0	#	0	0	0	0	1	#	0	0	0	#	#
09-11 LST	0	0	0	0	0	0	0	1	0	0	0	0	#
12-14 LST	0	0	0	0	1	#	1	#	0	0	0	0	#
15-17 LST	0	0	0	#	1	3	3	1	1	#	0	0	1
18-20 LST	0	0	0	0	#	4	4	2	1	#	0	0	1
21-23 LST	0	#	#	0	#	2	3	1	1	0	#	0	1
ALL HOURS	#	#	#	#	#	1	2	1	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	6	13	8	7	11	9	5	0	0	5
03-05 LST	0	#	0	4	10	7	8	9	11	5	0	0	5
06-08 LST	0	0	#	4	10	6	11	12	11	4	#	0	5
09-11 LST	0	0	1	3	9	8	11	10	12	5	1	0	5
12-14 LST	0	0	0	4	11	9	9	14	12	4	1	0	5
15-17 LST	0	0	0	5	11	8	10	11	12	5	0	0	5
18-20 LST	#	0	1	4	9	11	12	14	11	7	1	#	6
21-23 LST	0	0	#	7	11	9	8	11	11	8	#	0	5
ALL HOURS	#	#	#	4	11	8	10	12	11	5	#	#	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	21	12	13	1	0	#	0	0	10	17	19	9
03-05 LST	18	17	14	14	1	0	0	0	0	8	20	18	9
06-08 LST	24	20	14	19	3	0	0	0	0	9	22	20	11
09-11 LST	22	23	20	15	2	0	0	0	0	8	23	25	11
12-14 LST	18	18	12	14	1	0	0	0	0	9	20	22	10
15-17 LST	15	14	8	9	1	0	0	0	0	8	14	22	8
18-20 LST	17	17	6	8	1	0	#	0	0	7	17	19	8
21-23 LST	19	16	9	9	2	0	0	0	0	9	15	18	8
ALL HOURS	19	18	12	13	2	0	#	0	0	9	18	21	9

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	2	1	0	0	#	0	1	3	2	1
03-05 LST	2	2	1	3	1	0	#	0	#	1	1	1	1
06-08 LST	2	2	1	3	0	0	#	1	1	2	2	1	1
09-11 LST	2	3	3	2	1	0	0	1	1	3	2	2	2
12-14 LST	3	2	3	2	2	1	1	1	1	4	2	2	2
15-17 LST	2	2	2	4	4	1	1	1	2	4	1	3	2
18-20 LST	2	2	2	2	1	#	0	1	#	3	2	3	2
21-23 LST	2	2	2	2	1	#	0	#	0	2	3	3	1
ALL HOURS	2	2	2	3	2	#	#	1	1	2	2	2	2

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	11	4	6	1	2	3	4	2	10	7	16	7
03-05 LST	21	11	5	7	1	4	4	5	6	10	9	18	9
06-08 LST	27	17	11	13	5	9	14	18	22	15	14	19	15
09-11 LST	62	47	18	10	2	4	6	9	13	20	26	52	22
12-14 LST	48	18	6	5	2	0	3	4	2	14	14	41	13
15-17 LST	17	9	4	4	2	1	2	3	2	10	9	19	7
18-20 LST	15	7	5	6	1	0	2	2	2	11	9	19	6
21-23 LST	16	9	4	5	1	1	1	3	2	12	9	17	7
ALL HOURS	28	16	7	7	2	3	4	6	6	13	12	25	11

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	8	2	5	0	1	2	1	1	8	5	11	5
03-05 LST	14	8	4	6	1	3	1	3	6	8	7	13	6
06-08 LST	20	13	8	9	3	7	7	11	17	14	11	16	11
09-11 LST	49	36	11	6	1	1	2	3	8	14	18	35	15
12-14 LST	34	13	4	4	1	0	1	1	1	10	9	27	9
15-17 LST	9	6	2	3	1	1	0	1	1	8	4	13	4
18-20 LST	9	5	4	5	0	0	0	1	1	8	5	12	4
21-23 LST	11	8	3	4	1	0	0	2	1	10	5	11	5
ALL HOURS	20	12	5	5	1	2	2	3	4	10	8	17	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	1	2	0	1	1	1	1	5	3	3	2
03-05 LST	5	4	2	3	0	2	1	3	5	5	4	6	3
06-08 LST	10	8	6	7	2	5	5	10	12	8	5	11	7
09-11 LST	27	14	3	2	1	1	0	1	3	8	7	15	7
12-14 LST	15	6	2	3	1	0	0	0	0	7	5	12	4
15-17 LST	3	4	1	2	1	0	0	1	0	5	2	5	2
18-20 LST	2	1	2	3	0	0	0	1	0	4	2	3	1
21-23 LST	2	3	1	2	0	0	0	1	1	5	1	3	2
ALL HOURS	9	5	2	3	1	1	1	2	3	6	4	7	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	0	1	0	1	1	0	1	3	1	1	1
03-05 LST	1	0	1	1	0	1	0	1	2	2	1	1	1
06-08 LST	1	0	2	1	1	2	3	6	8	2	1	1	2
09-11 LST	4	1	0	0	0	0	0	0	1	5	2	2	1
12-14 LST	1	0	0	0	0	0	0	0	0	1	1	1	0
15-17 LST	1	1	0	0	1	0	0	0	0	1	0	1	0
18-20 LST	0	0	0	0	0	0	0	0	0	2	0	2	1
21-23 LST	0	1	0	1	0	0	0	1	0	3	1	1	1
ALL HOURS	1	0	0	1	0	1	1	1	1	2	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KRASNOYARSK, USSR
LOCATION: 5600N 9254E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 295740
ELEVATION (FEET): 637
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	42	46	58	76	92	94	96	90	82	76	60	42 96
MEAN DAILY MAX	1	9	11	27	43	57	71	74	69	58	40	26	14 42
MEAN	1	2	3	20	35	48	62	65	60	49	33	20	8 34
MEAN DAILY MIN	1	-5	-6	10	24	37	50	54	49	37	25	12	0 24
EXTREME MIN	1	-40	-40	-26	0	18	28	40	32	12	-16	-32	-42 -42
# DAYS GE 90	1	0	0	0	0	#	1	1	#	0	0	0	0 2
# DAYS LE 32	1	31	28	31	24	8	#	0	#	6	24	29	31 212
# DAYS LE 0	1	19	18	6	#	0	0	0	0	0	1	6	15 65
2. PRECIPITATION (INCHES)													
MAXIMUM	2	1.1	1.5	1.0	2.7	3.3	4.2	6.7	6.2	3.5	3.1	3.6	2.3 23.0
MEAN	2	0.4	0.3	0.4	0.9	1.5	2.1	3.1	2.9	1.8	1.3	0.9	0.6 16.1
MINIMUM	2	0.0	0.0	0.0	0.0	0.2	0.3	0.7	0.6	0.6	0.1	0.2	0.1 10.2
MAX 24 HR	2	0.3	0.3	0.4	0.8	1.3	2.3	3.7	2.2	1.7	1.3	2.1	0.4 3.7
# DAYS GE 0.004	1	12	9	9	9	9	6	7	8	7	12	13	12 113
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN		#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	10	8	7	3	1	0	0	0	6	9	11	55
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (4 LST)	1	77	80	80	77	72	77	86	89	89	81	75	74 80
RH (13 LST)	1	73	69	57	44	42	41	48	52	51	59	67	71 56
VAPOR PRESS	1	.05	.05	.08	.13	.19	.34	.42	.37	.25	.14	.09	.06 .18
DEWPOINT	1	-3	-2	11	21	31	47	53	49	39	24	12	0 24
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$WSW	\$W	W	W	W	W	\$W	\$W	\$W	\$WSW	W	\$WSW \$W
MEAN SPEED													
(PVLG DRCTN)	1	11	7	9	10	10	7	6	6	7	11	10	11 9
MEAN SPEED													
(ALL OBS)	1	6	6	8	8	9	6	5	5	5	7	8	7 7
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1350	1100	1150	1250	1500	1550	1300	1250	1300	1350	1100	1100 1550
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	6	5	5	5	5	6	6	5 5
DAYS TSTMS	1	#	#	#	#	2	4	6	4	1	#	#	# 17
DAYS FOG LT 7	1	17	17	9	4	2	3	7	9	10	8	10	13 109
DAYS BNBD LT 7	1	0	#	0	#	#	#	0	#	#	#	#	# 1
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN													

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, POR VARIED

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	56	56	22	15	14	10	18	20	28	28	33	39	28
03-05 LST	55	56	29	21	16	12	27	30	34	33	36	41	33
06-08 LST	67	65	38	35	23	25	37	39	42	41	50	48	42
09-11 LST	58	58	34	21	15	9	19	27	33	37	41	47	33
12-14 LST	55	52	26	13	10	8	9	13	16	28	36	46	26
15-17 LST	55	51	20	12	7	5	7	7	12	27	35	44	23
18-20 LST	56	52	17	13	10	6	8	6	13	28	29	43	23
21-23 LST	53	54	18	13	10	5	10	10	16	28	32	41	24
ALL HOURS	57	55	26	18	13	10	17	19	24	31	36	44	29

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	55	54	21	11	6	6	14	15	20	19	27	37	24
03-05 LST	54	54	28	13	8	9	22	23	27	22	30	39	27
06-08 LST	66	65	37	27	15	20	32	27	33	32	44	47	37
09-11 LST	57	57	31	12	5	5	12	14	20	25	37	46	27
12-14 LST	54	52	25	7	3	2	5	5	9	20	31	44	21
15-17 LST	54	50	19	7	3	2	3	4	6	17	26	43	19
18-20 LST	55	51	14	9	4	3	4	3	8	17	24	41	19
21-23 LST	52	51	16	7	4	3	6	5	9	20	24	39	20
ALL HOURS	56	54	24	12	6	6	12	12	16	22	30	42	24

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	47	48	14	7	4	3	10	11	15	15	22	31	19
03-05 LST	47	49	16	6	3	3	10	13	16	16	23	33	20
06-08 LST	54	54	21	14	3	2	6	8	15	18	27	39	22
09-11 LST	48	42	13	3	2	1	3	2	5	11	19	33	15
12-14 LST	44	39	9	2	1	1	2	2	1	9	18	32	13
15-17 LST	50	43	9	3	1	#	1	#	1	12	22	34	15
18-20 LST	48	45	11	5	2	2	2	2	3	13	18	33	15
21-23 LST	46	45	10	4	3	1	4	2	6	15	19	33	16
ALL HOURS	48	46	13	6	2	2	5	5	8	13	21	33	17

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	1	1	0	1	3	4	3	2	2	3	2
03-05 LST	3	3	1	1	0	#	3	5	8	3	2	5	3
06-08 LST	11	6	2	0	1	0	1	1	3	1	2	6	3
09-11 LST	5	3	#	#	#	0	1	0	0	#	1	3	1
12-14 LST	3	1	1	0	1	#	1	1	#	1	2	3	1
15-17 LST	7	1	0	#	#	#	#	0	#	1	2	5	1
18-20 LST	7	2	0	#	0	1	0	#	1	2	3	4	2
21-23 LST	5	4	#	0	#	#	#	#	1	2	4	4	2
ALL HOURS	6	3	1	#	#	#	1	1	2	1	2	4	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KRASNOYARSK, USSR
LOCATION: 5600N 9254E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 295740
ELEVATION (FEET): 637
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	#	1	2	1	0	0	0	#	#
03-05 LST	#	0	0	0	0	#	#	#	0	0	0	0	#
06-08 LST	#	0	0	0	0	0	1	0	0	0	#	#	#
09-11 LST	#	0	0	0	#	2	2	#	0	0	0	0	#
12-14 LST	#	0	0	0	#	2	6	1	#	0	0	0	1
15-17 LST	0	0	0	0	1	3	3	2	1	0	0	0	1
18-20 LST	#	0	0	0	#	2	3	0	#	#	0	0	#
21-23 LST	0	0	0	0	0	#	#	1	0	0	0	0	#
ALL HOURS	#	#	0	#	#	1	2	1	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	6	9	6	8	10	8	5	3	#	5
03-05 LST	1	0	0	4	10	7	10	9	9	6	3	0	5
06-08 LST	0	0	1	6	10	12	8	11	10	3	4	#	5
09-11 LST	#	0	#	7	9	7	8	12	9	6	2	0	5
12-14 LST	0	#	#	4	6	8	10	11	9	6	2	0	5
15-17 LST	0	#	#	4	6	7	6	7	7	8	1	0	4
18-20 LST	#	1	#	5	7	6	5	8	7	9	2	1	4
21-23 LST	0	#	1	7	9	8	6	9	7	5	1	0	5
ALL HOURS	#	#	1	5	8	8	7	10	8	6	2	#	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	23	19	12	4	0	0	0	1	20	24	29	14
03-05 LST	28	31	19	12	3	#	0	0	1	17	27	28	14
06-08 LST	31	24	18	11	5	0	0	0	2	17	27	21	13
09-11 LST	22	16	19	9	4	0	#	0	1	16	23	24	11
12-14 LST	19	14	18	8	2	0	0	0	0	16	23	21	10
15-17 LST	23	15	14	7	1	0	0	0	0	14	25	26	10
18-20 LST	29	22	16	8	1	#	0	0	1	14	26	27	12
21-23 LST	30	26	18	9	2	0	0	0	#	17	27	30	13
ALL HOURS	27	21	18	9	3	#	#	0	1	16	25	26	12

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	1	0	0	0	#	2	3	2	1
03-05 LST	2	1	#	#	1	0	#	0	0	1	3	2	1
06-08 LST	2	3	1	2	2	0	0	#	1	3	4	1	1
09-11 LST	3	3	1	2	4	#	#	#	1	4	2	2	2
12-14 LST	3	2	2	2	3	1	0	#	0	2	3	1	2
15-17 LST	1	1	1	1	1	#	#	#	#	1	4	2	1
18-20 LST	1	1	1	0	1	0	#	0	1	2	2	2	1
21-23 LST	1	1	1	1	1	#	0	0	1	1	1	1	1
ALL HOURS	2	2	1	1	2	#	#	#	1	2	3	2	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	47	48	14	7	4	3	10	11	14	14	22	31	19
03-05 LST	47	49	16	6	3	3	10	13	16	15	23	33	20
06-08 LST	54	54	21	14	3	2	6	8	15	17	26	39	22
09-11 LST	48	42	13	3	2	1	3	2	5	11	19	33	15
12-14 LST	44	39	9	2	1	1	2	2	1	8	18	32	13
15-17 LST	50	43	9	3	1	#	1	#	1	11	22	34	15
18-20 LST	48	45	11	5	2	2	2	2	3	12	18	33	15
21-23 LST	46	45	10	4	3	1	4	2	6	14	19	33	16
ALL HOURS	48	46	13	6	2	2	4	5	8	13	21	33	17

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	45	42	12	6	3	3	10	10	14	14	22	30	18
03-05 LST	44	47	16	5	3	2	10	13	16	14	22	32	19
06-08 LST	53	49	17	12	3	1	5	8	13	17	24	35	20
09-11 LST	47	40	12	3	1	1	3	1	4	10	19	32	14
12-14 LST	42	36	9	2	1	1	1	1	1	8	18	30	12
15-17 LST	49	40	9	3	1	#	1	#	1	11	20	33	14
18-20 LST	46	41	10	4	2	1	2	1	2	11	18	32	14
21-23 LST	44	43	8	4	3	1	4	2	5	12	19	31	15
ALL HOURS	46	42	12	5	2	1	4	4	7	12	20	32	16

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	13	1	2	1	1	3	4	4	3	5	10	5
03-05 LST	12	12	2	2	1	#	4	6	9	4	5	10	6
06-08 LST	25	21	4	3	1	0	2	2	5	6	7	16	8
09-11 LST	21	16	2	1	1	0	1	0	1	2	6	17	6
12-14 LST	20	11	2	1	1	#	1	1	1	3	7	14	5
15-17 LST	17	10	2	1	#	#	#	0	#	3	5	11	4
18-20 LST	15	12	1	2	0	1	0	#	1	3	6	10	4
21-23 LST	14	13	1	#	#	#	#	#	1	2	6	9	4
ALL HOURS	17	14	2	1	1	#	1	2	3	3	6	12	5

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	#	#	0	1	2	3	2	1	2	1	1
03-05 LST	1	1	1	1	0	0	2	4	6	2	1	2	2
06-08 LST	3	0	1	0	1	0	1	1	2	1	1	2	1
09-11 LST	2	1	#	#	0	0	1	0	0	#	#	#	#
12-14 LST	2	1	#	0	0	0	1	#	0	#	0	#	#
15-17 LST	3	1	0	#	0	#	0	0	0	#	1	4	1
18-20 LST	4	1	0	#	0	1	0	#	1	2	3	3	1
21-23 LST	3	2	#	0	#	#	0	#	1	1	2	2	1
ALL HOURS	3	1	#	#	#	#	1	1	1	1	1	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KURGAN-IN-KURGAN, USSR
LOCATION: 5528N 6525E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 286610
ELEVATION (FEET): 259
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	42	38	54	88	88	97	97	94	91	73	50	38 97
MEAN DAILY MAX	1	9	11	28	50	63	72	74	70	60	42	25	15 43
MEAN	1	3	4	20	42	54	64	67	62	52	36	20	8 36
MEAN DAILY MIN	1	-3	-3	11	31	41	52	56	51	41	28	13	1 27
EXTREME MIN	1	-45	-43	-21	0	21	26	40	32	23	-12	-21	-36 -41
# DAYS GE 90	1	0	0	0	0	0	2	2	1	#	0	0	0 5
# DAYS LE 32	1	31	28	31	18	6	1	0	#	4	19	30	31 199
# DAYS LE 0	1	19	17	7	#	0	0	0	0	0	1	5	15 64
2. PRECIPITATION (INCHES)													
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MEAN	2	0.6	0.4	0.5	0.6	1.3	2.2	2.1	1.7	1.0	0.7	0.8	0.5 12.4
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	1	11	8	6	5	5	6	7	6	6	9	9	10 88
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN		#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	10	7	5	1	0	0	0	0	0	5	8	9 45
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (5 LST)	1	81	79	83	81	76	83	87	88	87	84	83	80 83
RH (14 LST)	1	77	70	66	49	40	46	52	52	53	64	75	75 60
VAPOR PRESS	1	.05	.05	.09	.18	.23	.37	.45	.39	.28	.17	.10	.06 .20
DEWPOINT	1	-1	-1	14	29	36	49	55	50	42	28	14	3 27
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	SSW	SSW	S	S	N	N	\$N	\$S	\$S	S	S	S S
MEAN SPEED													
(PVLG DRCTN)	1	11	11	10	9	11	11	9	7	9	10	10	10 10
MEAN SPEED													
(ALL OBS)	1	8	8	9	9	9	8	7	7	8	9	9	9 8
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1200	1160	1160	1180	810	1210	980	920	970	1200	1260	1410 1410
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	5	5	5	5	5	6	5	5	6	6	5 5
DAYS TSTMS	1	#	#	#	#	2	6	7	5	1	#	#	# 22
DAYS FOG LT 7	1	11	11	11	6	2	3	4	7	5	5	8	11 84
DAYS BNBD LT 7	1	#	0	#	#	0	#	#	#	#	0	0	# 1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2. WORLD CLIMATIC DATA, 10 YEAR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	20	18	15	10	11	11	10	17	29	35	28	19
03-05 LST	33	23	21	15	14	15	20	21	23	32	37	34	24
06-08 LST	37	35	34	16	11	16	16	18	22	36	43	35	27
09-11 LST	38	30	27	14	12	17	19	19	24	30	36	40	26
12-14 LST	24	17	14	14	10	15	16	14	19	34	37	27	20
15-17 LST	23	18	13	12	9	12	11	8	13	28	37	33	18
18-20 LST	28	23	16	14	9	10	8	11	13	27	37	30	19
21-23 LST	26	19	14	12	10	9	9	7	12	27	32	27	17
ALL HOURS	30	23	20	14	11	13	14	13	18	30	37	32	21

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	13	12	10	6	7	6	5	11	18	22	21	13
03-05 LST	26	17	17	11	8	11	14	16	14	20	26	23	17
06-08 LST	27	28	28	11	6	10	12	13	16	23	29	26	19
09-11 LST	35	26	22	8	4	8	8	9	12	19	29	35	18
12-14 LST	19	13	9	5	3	6	5	4	7	15	24	23	11
15-17 LST	20	13	7	4	3	5	5	2	6	13	24	24	11
18-20 LST	21	16	10	10	4	5	3	5	6	14	24	23	12
21-23 LST	20	13	9	8	5	6	4	3	8	16	21	18	11
ALL HOURS	24	17	14	8	5	7	7	7	10	17	25	24	14

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	10	9	6	4	5	4	4	8	12	16	14	9
03-05 LST	20	14	13	8	5	8	12	13	9	13	19	18	13
06-08 LST	21	25	24	9	3	6	10	10	12	17	22	19	15
09-11 LST	30	24	17	5	2	4	4	5	7	14	23	29	14
12-14 LST	15	9	7	5	1	3	3	2	4	10	16	17	8
15-17 LST	16	10	6	2	2	3	3	1	3	8	17	19	7
18-20 LST	17	14	8	7	2	3	1	3	4	10	16	16	9
21-23 LST	15	10	6	5	2	4	2	2	5	9	16	10	7
ALL HOURS	19	14	11	6	3	5	5	5	7	12	18	18	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	1	1	1	1	2	2	2	3	#	2
03-05 LST	1	1	2	1	1	2	3	5	3	3	2	1	2
06-08 LST	3	3	2	2	#	#	1	1	4	3	1	1	2
09-11 LST	2	1	#	0	#	0	#	1	#	1	2	1	1
12-14 LST	1	1	1	1	0	0	0	1	1	0	1	1	1
15-17 LST	#	0	1	0	1	0	#	0	0	#	2	1	#
18-20 LST	1	0	1	1	#	#	0	#	1	#	1	1	1
21-23 LST	1	1	1	#	#	#	#	#	#	1	1	#	1
ALL HOURS	1	1	1	1	1	#	1	1	1	1	2	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KURGAN-IN-KURGAN, USSR
LOCATION: 5528N 6525E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 286610
ELEVATION (FEET): 259
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	2	2	2	0	0	0	0	0
03-05 LST	0	0	0	0	0	1	1	0	0	0	0	0	0
06-08 LST	1	0	0	1	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	1	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	1	2	2	2	0	0	0	0	1
15-17 LST	0	0	0	0	1	3	5	3	0	0	0	0	1
18-20 LST	0	0	0	0	1	3	4	3	1	0	0	0	1
21-23 LST	0	0	0	0	0	2	2	3	0	0	0	0	1
ALL HOURS	0	0	0	0	0	2	2	2	0	0	0	0	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	6	6	7	7	5	10	5	1	0	4
03-05 LST	0	0	0	7	5	6	7	6	11	8	2	1	4
06-08 LST	1	1	0	5	6	8	8	7	8	8	2	1	4
09-11 LST	1	0	1	5	7	6	8	10	9	7	2	0	5
12-14 LST	1	1	1	5	7	10	10	8	8	6	2	1	5
15-17 LST	0	0	1	6	6	9	10	9	10	6	2	0	5
18-20 LST	1	1	2	6	6	8	6	7	9	8	2	1	5
21-23 LST	1	0	1	4	6	8	8	6	10	8	2	0	5
ALL HOURS	1	0	1	5	6	8	8	7	9	7	2	0	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	21	10	3	0	0	0	0	1	13	15	21	9
03-05 LST	27	21	12	3	0	0	0	0	0	10	19	21	10
06-08 LST	31	22	14	4	0	0	0	0	0	9	22	22	10
09-11 LST	27	17	9	3	1	0	0	0	0	9	18	21	9
12-14 LST	19	14	6	2	1	0	0	0	1	9	16	20	7
15-17 LST	17	14	7	1	0	0	0	0	0	9	13	17	7
18-20 LST	19	14	7	2	0	0	0	0	1	10	14	18	7
21-23 LST	20	17	11	2	0	0	0	0	0	12	15	19	8
ALL HOURS	23	17	10	3	0	0	0	0	0	10	17	20	8

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	2	0	1	0	0	0	1	1	2	2	1
03-05 LST	1	2	2	1	1	0	0	0	1	0	1	1	1
06-08 LST	0	1	2	1	1	0	0	0	0	0	1	2	1
09-11 LST	2	2	2	2	2	1	1	1	1	1	1	3	1
12-14 LST	2	2	3	3	3	2	1	1	1	1	2	4	2
15-17 LST	2	2	1	2	2	3	1	1	1	1	2	1	2
18-20 LST	2	2	1	2	1	1	0	1	0	2	1	1	1
21-23 LST	2	2	2	1	1	1	0	0	1	1	1	2	1
ALL HOURS	1	2	2	1	2	1	0	1	1	1	1	2	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	9	6	5	4	4	4	4	7	10	14	11	8
03-05 LST	16	13	10	6	4	7	11	12	8	12	16	14	11
06-08 LST	20	24	24	8	2	5	7	7	11	15	20	19	13
09-11 LST	28	23	16	4	2	3	2	4	5	11	19	27	12
12-14 LST	13	9	6	3	1	1	1	1	3	8	11	14	6
15-17 LST	15	10	6	2	2	2	2	1	1	7	14	16	6
18-20 LST	16	13	7	6	2	2	1	3	3	6	12	13	7
21-23 LST	13	9	5	4	1	3	2	2	4	7	12	8	6
ALL HOURS	17	14	10	5	2	3	4	4	5	9	15	15	9

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	4	2	2	1	2	2	4	5	8	5	4
03-05 LST	7	4	5	2	2	4	6	9	5	7	8	7	6
06-08 LST	9	8	9	3	#	3	5	5	7	9	9	7	6
09-11 LST	11	9	4	1	1	1	1	1	2	6	11	15	5
12-14 LST	5	4	3	2	#	1	1	1	2	4	6	7	3
15-17 LST	5	4	3	1	1	#	#	#	0	4	8	7	3
18-20 LST	7	3	3	4	1	1	#	1	1	3	6	4	3
21-23 LST	5	3	2	2	1	1	1	1	2	2	5	3	2
ALL HOURS	7	5	4	2	1	2	2	2	3	5	8	7	4

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	4	2	2	1	2	2	3	4	4	1	2
03-05 LST	3	2	4	1	2	3	4	7	4	4	4	4	3
06-08 LST	4	6	5	2	#	1	2	3	5	5	4	3	3
09-11 LST	3	4	2	1	#	0	#	1	1	2	5	7	2
12-14 LST	3	2	2	1	0	0	#	1	1	1	3	4	2
15-17 LST	2	2	2	0	1	#	#	0	0	1	5	2	1
18-20 LST	4	1	1	2	#	1	0	1	1	1	3	3	1
21-23 LST	2	1	1	1	#	#	1	1	1	1	2	1	1
ALL HOURS	3	2	2	1	1	1	1	2	2	3	4	3	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	#	1	1	1	#	#	1	1	1	1	0	1
03-05 LST	#	1	1	#	1	1	2	4	3	2	1	#	1
06-08 LST	#	1	1	1	#	#	0	1	3	1	1	1	1
09-11 LST	#	0	#	0	#	0	#	#	#	#	2	0	#
12-14 LST	#	#	1	#	0	0	0	#	1	0	1	0	#
15-17 LST	0	0	0	0	#	0	0	0	0	#	1	0	#
18-20 LST	1	0	1	0	#	0	0	#	0	#	1	1	#
21-23 LST	#	1	0	#	#	0	#	#	#	#	#	0	#
ALL HOURS	1	#	1	#	#	#	#	1	1	1	1	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KURILSK RA
 LOCATION: 45°14'N, 147°54'E
 PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 321740
 ELEVATION (FEET): 125
 PERIOD: VARIED

ICAO ID:
 LST = GMT +11

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1-2	48	48	53	70	75	86	91	92	80	71	66	54	92
MEAN DLY MAX	1	26	23	27	38	47	53	61	65	60	52	41	32	44
MEAN	1	23	20	24	34	42	49	57	61	56	48	37	29	40
MEAN DLY MIN	1	19	15	18	30	37	43	52	56	50	42	33	25	35
EXTREME MIN	1-2	-10	-16	-12	-10	21	19	29	34	30	25	16	5	-16
# DAYS > 90	1	0	0	0	0	0	0	#	#	0	0	0	0	#
# DAYS > 32	1	30	27	30	21	6	1	#	0	0	1	13	28	157
# DAYS < 0	1	#	2	1	#	0	0	0	0	0	0	0	0	3
2. PRECIPITATION (INCHES)														
MAXIMUM	2	7.6	4.4	4.9	4.2	5.6	4.5	5.2	23.2	8.4	8.0	8.4	6.7	61.1
MEAN	2	3.7	2.1	2.4	2.6	3.1	2.3	2.9	3.9	3.8	4.4	5.2	4.2	40.6
MINIMUM	2	1.2	0.7	0.4	0.6	0.7	0.4	0.9	0.2	1.4	1.0	2.6	2.4	26.6
MAX 24 HR	2	2.7	1.4	3.5	2.4	2.3	1.9	2.1	6.7	2.1	2.4	3.9	2.6	6.7
# DAYS > 0.01	2	27	20	18	15	15	12	16	14	16	19	25	28	224
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/ SNOWFALL	2	29	25	23	12	6	#	0	0	0	2	17	28	144
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (05 LST)	1	84	86	86	86	86	93	93	93	91	90	87	83	88
RH (14 LST)	1	83	80	79	78	77	80	85	82	79	81	85	82	81
VAPOR PRESS	1	.11	.10	.11	.17	.22	.31	.42	.49	.40	.30	.20	.14	.25
DEWPOINT	1	18	16	19	29	36	44	53	57	52	43	34	24	35
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	NW	NW	\$NW	\$NW	\$E	\$E	\$E	\$E	\$E	W	NW	NW	\$NW
MEAN SPEED														
(PVLG DRCTN)	1	20	18	15	13	13	11	9	10	10	17	21	22	15
MEAN SPEED														
(ALL OBS)	1	16	13	10	10	9	6	5	6	9	12	16	16	11
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	1200	1250	1550	1100	1050	750	1000	1000	1100	1200	1100	1150	1250
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	7	6	6	6	6	6	6	6	5	6	7	7	6
DAYS TSTMS	1	#	#	#	0	#	#	0	1	1	1	#	0	3
DAYS FOG < 7	1	0	#	1	3	8	9	11	7	1	1	#	#	41
DAYS BNBD < 7	1	0	#	#	#	0	0	0	#	0	0	0	0	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ - % CALM > PVLG DRCTN
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY POR 22-29 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	78	67	51	47	46	50	56	48	37	50	72	79	57
03-05 LST	80	71	52	52	53	56	58	51	37	51	71	78	59
06-08 LST	78	73	56	53	52	51	61	49	39	55	75	85	61
09-11 LST	82	68	54	48	49	49	57	49	38	56	72	80	59
12-14 LST	80	69	56	48	46	43	48	44	36	62	73	80	57
15-17 LST	80	66	54	40	47	41	50	44	36	59	78	83	57
18-20 LST	71	66	50	47	49	40	50	48	40	53	71	78	56
21-23 LST	81	67	48	47	49	47	50	45	38	52	72	76	56
ALL HOURS	80	68	53	49	49	47	54	47	38	55	73	80	58

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	46	36	28	28	31	40	41	29	19	12	23	38	31
03-05 LST	47	36	30	29	36	47	43	35	22	11	23	35	33
06-08 LST	45	41	35	29	40	42	49	31	20	14	26	38	34
09-11 LST	53	39	33	27	37	40	42	29	17	14	28	40	33
12-14 LST	54	38	34	29	33	32	34	24	13	17	26	42	31
15-17 LST	53	43	33	29	31	30	34	22	14	15	25	42	31
18-20 LST	46	39	28	27	35	29	35	30	17	13	23	35	30
21-23 LST	44	38	25	27	32	36	35	28	18	13	23	37	30
ALL HOURS	48	39	31	28	34	37	39	29	17	14	25	38	32

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	25	14	9	15	20	28	19	5	3	10	27	18
03-05 LST	35	26	16	10	15	28	30	21	6	4	10	27	19
06-08 LST	36	29	15	13	17	24	28	17	6	2	11	27	19
09-11 LST	43	30	19	12	15	21	27	17	4	3	15	27	19
12-14 LST	42	29	21	13	12	17	20	13	3	4	14	27	18
15-17 LST	39	31	19	12	13	15	16	12	2	4	12	28	17
18-20 LST	37	29	18	12	15	15	21	18	6	3	12	26	18
21-23 LST	35	28	14	12	13	21	22	18	5	3	12	26	17
ALL HOURS	38	28	17	12	14	20	24	17	5	3	12	27	18

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	11	5	5	8	12	19	8	2	1	4	13	9
03-05 LST	18	10	7	4	9	16	21	9	1	1	5	14	10
06-08 LST	16	11	5	5	10	12	20	7	1	0	5	12	9
09-11 LST	21	17	9	5	9	12	19	8	1	1	9	13	10
12-14 LST	23	14	10	6	6	9	14	5	#	1	7	15	9
15-17 LST	23	15	11	6	6	9	7	6	#	1	7	17	9
18-20 LST	20	13	7	5	7	9	12	8	#	0	7	14	8
21-23 LST	15	11	4	4	6	12	13	6	1	#	4	11	7
ALL HOURS	19	13	7	5	8	11	15	7	1	#	6	14	9

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: KURILSK RA
LOCATION: 45°14'N, 147°54'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 321740
ELEVATION (FEET): 125
PERIOD: 7301-8612

ICAO ID:
LST = GMT +11

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	0	1	0	#	0	1	#	0	#
03-05 LST	0	0	0	0	0	0	0	1	1	0	0	0	#
06-08 LST	0	1	0	0	#	0	0	#	0	#	0	0	#
09-11 LST	0	0	0	0	0	#	0	1	1	0	0	0	#
12-14 LST	0	#	0	0	0	0	0	0	1	0	0	0	#
15-17 LST	0	0	0	0	0	#	0	0	#	0	0	0	#
18-20 LST	0	0	0	0	#	0	0	1	#	0	1	0	#
21-23 LST	0	0	1	0	0	0	0	1	#	0	#	0	#
ALL HOURS	#	#	#	0	#	#	0	#	#	#	#	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	9	15	13	12	10	12	12	12	5	9
03-05 LST	1	1	2	8	16	14	17	14	12	10	12	4	9
06-08 LST	2	1	2	7	15	13	13	10	11	12	12	4	9
09-11 LST	2	1	2	7	12	13	9	10	11	12	10	3	8
12-14 LST	2	1	2	6	14	8	8	6	10	16	11	3	7
15-17 LST	1	1	2	8	12	10	11	8	8	14	12	5	7
18-20 LST	2	1	1	8	13	8	7	9	8	12	11	3	7
21-23 LST	1	1	3	9	13	11	12	10	10	13	11	4	8
ALL HOURS	2	1	2	8	14	11	11	10	10	13	11	4	8

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	53	40	27	12	4	#	0	0	0	0	19	45	17
03-05 LST	51	43	27	13	3	0	0	0	0	1	17	38	16
06-08 LST	52	46	27	12	4	#	0	0	0	1	19	42	17
09-11 LST	58	43	30	13	3	0	0	0	0	1	22	45	18
12-14 LST	58	40	32	10	2	0	0	0	0	1	22	46	18
15-17 LST	55	43	27	12	2	1	0	0	0	1	21	47	17
18-20 LST	53	40	25	9	3	#	0	0	0	0	21	42	16
21-23 LST	49	40	21	12	4	0	0	0	0	1	20	42	16
ALL HOURS	54	42	27	12	3	#	0	0	0	1	20	43	17

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	12	9	5	3	#	1	1	4	12	21	24	9
03-05 LST	20	12	8	4	3	1	#	1	4	10	24	24	9
06-08 LST	18	11	8	7	3	#	0	1	5	10	23	22	9
09-11 LST	22	10	11	7	4	1	#	1	5	11	23	25	10
12-14 LST	21	10	10	7	5	1	#	1	6	10	23	22	10
15-17 LST	20	14	10	6	5	1	0	1	4	11	25	23	10
18-20 LST	20	11	8	4	4	2	1	1	4	9	20	22	9
21-23 LST	21	11	6	4	3	1	#	1	4	10	19	19	8
ALL HOURS	20	11	9	6	4	1	#	1	5	11	22	23	9

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73 - DEC 75, THREE HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	25	14	8	14	18	25	17	4	3	10	27	17
03-05 LST	35	26	15	9	15	26	28	18	5	3	9	27	18
06-08 LST	36	29	15	11	16	22	25	14	3	2	11	27	17
09-11 LST	42	30	19	11	14	18	25	15	3	3	15	27	18
12-14 LST	42	29	21	12	11	16	18	11	2	3	14	27	17
15-17 LST	39	30	19	11	12	14	15	10	2	4	12	28	16
18-20 LST	37	29	18	10	12	14	18	16	4	3	12	26	17
21-23 LST	35	28	13	12	12	20	20	16	4	2	11	26	17
ALL HOURS	38	28	17	10	13	18	22	15	4	3	12	27	17

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	24	13	7	11	14	23	13	4	2	10	26	15
03-05 LST	34	26	15	7	11	19	25	14	2	3	9	25	16
06-08 LST	35	27	14	9	12	17	23	10	1	1	11	25	16
09-11 LST	42	29	18	10	11	15	22	11	3	2	15	27	17
12-14 LST	42	28	20	12	8	13	17	9	2	3	14	27	16
15-17 LST	38	30	19	10	7	12	12	8	2	3	12	28	15
18-20 LST	37	27	17	9	12	11	15	13	3	2	11	26	15
21-23 LST	35	26	12	9	9	15	17	11	2	2	11	25	14
ALL HOURS	37	27	16	9	10	15	19	11	2	2	12	26	16

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	29	17	8	5	9	12	19	9	2	1	6	21	11
03-05 LST	27	17	9	5	10	18	21	10	1	1	8	20	12
06-08 LST	28	20	10	6	10	13	20	7	1	0	8	17	12
09-11 LST	32	25	13	6	9	13	19	8	1	1	11	20	13
12-14 LST	35	22	14	9	6	10	14	5	1	1	10	21	12
15-17 LST	32	24	15	7	6	10	9	6	1	1	9	22	12
18-20 LST	30	20	12	6	7	9	12	8	1	#	8	20	11
21-23 LST	29	19	8	5	7	12	15	6	1	1	7	19	11
ALL HOURS	30	20	11	6	8	12	16	7	1	1	8	20	12

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	2	4	7	10	16	5	1	1	2	5	5
03-05 LST	8	4	3	3	9	13	18	6	1	#	2	5	6
06-08 LST	7	4	2	3	9	12	18	6	1	0	1	4	6
09-11 LST	5	4	5	2	8	12	17	7	1	1	3	3	6
12-14 LST	5	4	6	5	5	8	12	4	0	1	2	4	5
15-17 LST	7	4	6	4	5	8	7	6	#	1	2	4	4
18-20 LST	7	6	3	5	7	9	9	8	#	0	3	4	5
21-23 LST	7	4	3	3	5	11	11	4	1	#	2	4	5
ALL HOURS	6	4	4	4	7	10	14	6	1	#	2	4	5

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KUYBYSHEV/KURUMUCH, USSR
 LOCATION: 5315N 5028E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 289000
 ELEVATION (FEET): 144
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT + 4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	1	37	38	54	80	88	96	97	94	88	70	50	44	97
MEAN DAILY MAX	1	17	18	30	53	69	74	77	74	63	45	31	22	48
MEAN	1	11	11	23	44	59	65	69	64	54	39	28	17	40
MEAN DAILY MIN	1	4	2	16	34	46	53	57	53	43	32	23	11	31
EXTREME MIN	1	-30	-36	-20	16	28	34	44	34	29	10	-10	-22	-36
# DAYS GE 90	1	0	0	0	0	0	2	2	2	0	0	0	0	6
# DAYS LE 32	1	31	28	29	13	2	0	0	0	2	16	26	31	178
# DAYS LE 0	1	13	13	5	0	0	0	0	0	0	1	7	39	
2. PRECIPITATION (INCHES)														
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN		0	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM		0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 0.004	1	14	10	7	6	4	7	6	5	6	10	12	13	100
# DAYS GE 0.5		0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)														
MEAN		0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS SNOWFALL	1	13	9	6	1	0	0	0	0	0	3	7	11	50
# DAYS GE 1.5		0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (3 LST)	1	88	85	90	92	72	81	92	87	86	95	92	85	87
RH (19 LST)	1	79	69	72	51	32	36	46	38	51	67	78	80	58
VAPOR PRESS	1	.07	.07	.12	.20	.27	.39	.46	.41	.30	.20	.14	.10	.23
DEWPOINT	1	7	6	18	33	40	50	56	52	44	32	24	13	31
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$S	\$S	\$SSW	\$E	\$N	\$N	\$N	\$N	\$W	\$SSW	\$SSW	\$S	\$SSW
MEAN SPEED														
(PVLG DRCTN)	1	11	10	10	8	11	11	9	9	11	10	11	12	10
MEAN SPEED														
(ALL OBS)	1	8	7	7	8	8	7	7	6	6	7	8	8	7
MAX PEAK GUST		0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	1050	1060	920	810	700	700	620	660	710	860	880	940	1060
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	5	5	5	4	4	4	4	5	6	6	6	5
DAYS TSMS	1	0	0	0	0	2	8	7	4	2	0	0	0	23
DAYS FOG LT 7	1	21	20	22	15	3	6	7	9	12	15	20	20	170
DAYS BNBD LT 7	1	0	0	0	0	0	0	0	0	0	0	0	0	1

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	69	70	62	34	10	21	18	16	24	44	70	72	42
06-08 LST	73	74	69	51	13	21	21	28	40	54	70	74	49
09-11 LST	81	75	67	38	11	16	15	17	38	58	78	74	47
12-14 LST	72	67	54	24	9	12	8	10	20	51	71	71	39
15-17 LST	70	60	45	18	7	10	5	6	13	43	69	69	34
18-20 LST	69	65	50	20	6	7	3	6	18	42	69	73	36
21-23 LST	68	66	56	27	6	9	8	10	17	41	69	71	37
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	64	66	57	32	7	18	15	14	18	33	59	66	37
06-08 LST	68	70	67	47	10	18	18	24	36	44	58	68	44
09-11 LST	77	74	63	33	8	9	10	13	30	49	67	70	42
12-14 LST	70	63	49	16	5	3	3	4	11	33	57	67	32
15-17 LST	65	56	39	12	3	3	2	3	7	29	57	66	28
18-20 LST	64	62	45	16	3	3	1	3	13	31	58	67	31
21-23 LST	63	62	50	24	3	7	6	8	13	30	59	66	33
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	32	29	20	11	2	4	1	2	4	14	30	37	15
06-08 LST	31	28	26	16	2	5	5	7	10	19	33	38	18
09-11 LST	47	44	31	11	1	1	2	3	9	20	43	43	21
12-14 LST	33	29	20	5	1	#	1	#	2	15	37	36	15
15-17 LST	28	20	15	5	#	#	#	#	1	11	32	32	12
18-20 LST	26	21	17	4	1	1	#	0	2	11	32	33	12
21-23 LST	30	21	18	7	1	1	0	1	2	13	32	31	13
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	3	4	2	1	1	#	#	1	4	2	2	2
06-08 LST	2	2	6	5	#	2	1	1	3	4	3	2	3
09-11 LST	5	4	7	2	#	#	0	#	0	5	4	3	3
12-14 LST	3	2	3	#	#	#	#	0	0	2	3	4	1
15-17 LST	4	2	1	#	0	0	#	0	0	1	2	3	1
18-20 LST	1	3	1	#	#	1	#	0	0	1	3	3	1
21-23 LST	1	2	2	1	#	0	0	#	1	3	2	2	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KUYBYSHEV/KURUMOKH, USSR
 LOCATION: 5315N 5028E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 289000
 ELEVATION (FEET): 144
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	#	#	0	#	1	1	1	0	0	0	#	#
06-08 LST	0	0	#	0	0	1	1	0	#	#	0	#	#
09-11 LST	0	0	0	0	#	0	1	#	#	0	0	0	#
12-14 LST	0	0	0	0	0	2	2	1	1	0	0	0	1
15-17 LST	0	#	0	0	#	4	3	3	#	0	0	0	1
18-20 LST	0	0	0	#	1	5	3	3	1	0	0	0	1
21-23 LST	0	0	#	#	1	2	3	1	1	0	0	#	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	2	2	5	4	7	5	4	6	9	6	4	5
06-08 LST	3	3	3	6	2	6	6	6	6	11	7	5	5
09-11 LST	2	1	2	6	3	8	6	6	7	11	10	3	5
12-14 LST	1	1	2	6	3	4	6	5	7	11	7	1	5
15-17 LST	1	1	2	5	5	9	6	6	9	11	7	2	5
18-20 LST	1	1	2	6	4	7	5	5	9	11	6	3	5
21-23 LST	2	1	2	8	3	7	5	5	7	9	6	2	5
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	27	21	12	3	0	0	0	0	0	7	13	24	9
06-08 LST	33	27	15	4	#	0	0	0	0	7	14	31	11
09-11 LST	34	25	13	3	0	0	#	0	#	8	19	27	11
12-14 LST	28	15	9	3	0	0	0	0	0	5	15	20	8
15-17 LST	25	17	9	3	0	0	0	0	#	7	14	19	8
18-20 LST	22	21	10	2	0	0	0	0	0	6	15	23	8
21-23 LST	24	23	12	2	#	0	0	#	0	5	13	22	9
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	1	1	#	#	0	0	0	1	1	2	2	1
06-08 LST	2	1	1	#	#	#	1	#	#	1	1	2	1
09-11 LST	2	1	1	2	1	1	1	1	#	2	2	2	1
12-14 LST	2	1	1	3	2	2	1	0	1	2	2	3	2
15-17 LST	1	2	1	2	3	2	2	#	1	1	1	1	1
18-20 LST	1	1	1	2	1	1	#	#	1	1	1	2	1
21-23 LST	2	1	1	1	#	#	#	#	1	1	1	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	22	24	17	9	1	3	1	1	2	11	24	24	12
06-08 LST	23	23	23	13	1	4	4	6	9	15	26	28	15
09-11 LST	41	43	29	9	1	1	1	2	7	15	36	33	18
12-14 LST	27	28	17	4	1	#	1	#	2	12	30	29	12
15-17 LST	23	18	12	5	#	0	#	#	1	9	26	24	10
18-20 LST	18	19	14	3	#	1	#	#	2	8	24	21	9
21-23 LST	20	17	14	5	1	#	0	1	1	10	23	19	9
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	12	16	11	4	1	2	#	1	2	7	13	13	7
06-08 LST	12	15	18	12	1	3	2	5	7	11	16	16	10
09-11 LST	29	37	24	7	#	1	1	1	5	13	26	23	14
12-14 LST	20	21	12	3	1	#	1	0	2	7	20	22	9
15-17 LST	16	14	9	3	0	0	#	0	#	7	18	17	7
18-20 LST	13	13	10	2	#	1	#	#	1	6	15	16	6
21-23 LST	12	13	10	3	1	#	0	#	1	7	14	12	6
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	4	6	5	2	1	2	#	1	1	5	5	4	3
06-08 LST	5	7	11	8	1	2	1	2	4	6	7	7	5
09-11 LST	14	19	13	4	#	#	0	#	1	7	11	10	7
12-14 LST	8	8	7	1	#	#	1	0	0	3	9	9	4
15-17 LST	7	7	3	1	0	0	#	0	#	3	7	6	3
18-20 LST	4	7	3	1	#	1	#	0	1	3	5	6	3
21-23 LST	3	5	4	2	#	0	0	#	1	4	4	4	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	2	4	2	1	1	#	#	1	2	1	1	1
06-08 LST	1	1	5	3	#	1	#	0	2	2	2	1	2
09-11 LST	3	2	4	1	#	0	0	#	#	4	2	1	1
12-14 LST	2	1	2	0	0	#	#	0	0	1	2	3	1
15-17 LST	2	2	1	0	0	0	0	0	0	#	1	1	1
18-20 LST	#	2	1	0	0	1	0	0	0	1	2	2	1
21-23 LST	#	1	2	1	#	0	0	#	1	2	1	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: Leningrad, USSR
LOCATION: 5948N 3019E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 260635
ELEVATION (FEET): 59
PERIOD: 7301-8612

ICAO: ULLL
LST = GMT +3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	2	42	43	55	72	86	94	97	93	85	69	56	46	97
MEAN DAILY MAX	1	22	21	33	45	59	66	70	66	56	45	35	26	45
MEAN	1	18	16	28	38	51	58	63	59	50	41	32	22	40
MEAN DAILY MIN	1	12	10	21	30	41	48	53	51	43	35	28	17	32
EXTREME MIN	2	-28	-38	-19	1	22	33	43	37	28	9	1	-39	-39
# DAYS GE 90	1	0	0	0	0	0	1	1	1	0	0	0	0	3
# DAYS LE 32	1	30	28	27	20	4	0	0	0	3	10	20	29	171
# DAYS LE 0	1	7	8	2	0	0	0	0	0	0	0	4	21	
2. PRECIPITATION (INCHES)														
MAXIMUM	2	2.6	2.3	2.4	3.3	4.5	5.8	5.4	7.3	7.0	3.2	4.0	2.6	27.2
MEAN	2	1.1	1.0	1.0	1.3	1.8	2.3	2.3	3.2	2.4	1.9	1.6	1.3	21.2
MINIMUM	2	0.2	0.1	0	0.3	0.4	0.3	0.2	1.2	0.4	0.3	0.6	0.3	0
MAX 24 HR	2	0.5	0.3	0.4	0.7	0.8	1.6	2.2	1.9	1.3	1.1	0.8	0.5	2.2
# DAYS GE 0.004	1	9	7	6	4	3	4	4	4	5	6	9	11	72
# DAYS GE 0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)														
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS SNOWFALL	1	7	6	4	1	0	0	0	0	0	1	4	8	31
# DAYS GE 1.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)														
RH (6 LST)	1	84	84	86	86	83	84	89	92	92	89	88	86	87
RH (15 LST)	1	81	77	68	58	51	56	60	62	69	76	84	84	69
VAPOR PRESS	1	.10	.09	.13	.17	.26	.35	.43	.41	.31	.23	.17	.12	.23
DEWPOINT	1	14	12	22	30	39	48	54	52	45	36	29	19	33
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	S	W	S	W	W	W	W	W	W	W	S	S	W
MEAN SPEED	1	11	8	9	8	8	8	6	7	8	9	10	10	9
(PVLG DRCTN)	1	11	8	9	8	8	8	6	7	8	9	10	10	9
MEAN SPEED	1	9	7	8	8	7	7	6	7	8	8	9	9	8
(ALL OBS)	1	9	7	8	8	7	7	6	7	8	8	9	9	8
MAX PEAK GUST	1	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	1590	1250	1000	1050	950	920	920	1030	1030	940	1200	1800	1800
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	6	5	5	5	4	4	5	6	7	7	6
DAYS TSTMS	1	0	0	0	0	1	2	3	2	0	0	0	0	8
DAYS FOG LT 7	1	17	17	16	15	13	13	17	17	17	16	15	17	190
DAYS BNBD LT 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN														

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	31	36	24	16	10	7	13	15	16	19	28	32	21
06-08 LST	32	35	27	20	11	7	13	16	19	19	31	34	22
09-11 LST	34	41	32	16	7	4	5	10	17	21	29	33	21
12-14 LST	32	35	20	9	4	2	2	3	8	15	29	32	16
15-17 LST	24	27	11	6	2	2	1	2	4	10	25	29	12
18-20 LST	28	24	14	6	3	2	2	2	6	11	26	30	13
21-23 LST	30	30	18	9	5	3	5	7	11	14	26	34	16
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	14	19	12	8	7	3	7	8	9	9	15	15	11
06-08 LST	14	19	15	12	7	3	7	11	12	8	15	16	12
09-11 LST	15	21	20	8	3	1	2	5	9	8	15	16	10
12-14 LST	14	17	8	3	1	1	#	1	4	5	13	15	7
15-17 LST	13	13	6	3	1	1	#	#	1	5	12	14	6
18-20 LST	12	14	8	3	1	1	#	1	2	5	13	14	6
21-23 LST	13	15	9	5	3	1	2	3	5	6	12	15	7
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	5	9	6	6	4	2	5	5	5	5	5	7	5
06-08 LST	6	9	6	9	4	2	4	8	9	4	6	7	6
09-11 LST	7	11	12	5	1	#	1	2	6	4	8	8	5
12-14 LST	7	8	4	2	1	#	0	0	1	1	7	7	3
15-17 LST	7	6	3	2	1	#	#	0	1	2	7	6	3
18-20 LST	5	7	6	1	1	0	0	#	1	2	6	6	3
21-23 LST	6	7	4	3	1	1	1	2	3	4	4	5	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	2	1	1	1	#	2	2	3	1	1	#	1
06-08 LST	#	1	1	2	1	#	2	4	5	1	#	#	1
09-11 LST	1	2	2	1	0	0	0	#	2	1	1	#	1
12-14 LST	#	1	#	#	0	#	0	#	0	#	1	1	#
15-17 LST	#	0	#	#	0	0	0	0	0	#	#	#	#
18-20 LST	#	1	1	#	#	0	0	0	#	#	#	0	#
21-23 LST	1	1	1	#	0	0	#	#	1	1	#	#	0
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LENINGRAD, USSR
LOCATION: 5948N 3019E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 260635
ELEVATION (FEET): 59
PERIOD: 7301-8612

ICAO: ULLL
LST = GMT +3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	0	#	#	#	#	0	0	0	0	#
06-08 LST	0	0	0	0	0	#	#	0	#	0	0	#	#
09-11 LST	0	0	0	0	0	0	#	#	0	0	0	0	#
12-14 LST	0	0	0	0	#	1	1	1	0	0	0	0	#
15-17 LST	0	0	0	0	1	2	3	1	0	0	0	0	1
18-20 LST	0	0	0	0	1	1	2	1	0	0	0	0	#
21-23 LST	0	0	0	0	#	1	1	1	#	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	2	3	5	6	5	5	6	9	10	8	5	6
06-08 LST	2	1	3	4	6	8	6	7	7	9	10	6	6
09-11 LST	2	2	5	4	5	6	6	6	6	10	8	5	5
12-14 LST	3	3	3	5	6	8	6	6	9	11	9	4	6
15-17 LST	3	1	3	5	6	9	8	7	12	10	11	4	7
18-20 LST	2	1	4	8	6	8	9	6	11	12	10	5	7
21-23 LST	3	2	4	7	5	6	7	7	10	13	9	6	7
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	24	20	13	5	1	0	0	0	#	3	14	21	8
06-08 LST	22	22	15	4	#	0	0	0	0	3	15	25	9
09-11 LST	21	21	17	6	#	0	0	0	0	3	13	22	9
12-14 LST	23	21	9	4	1	#	0	0	#	3	13	23	8
15-17 LST	19	21	12	5	1	0	0	0	#	2	12	20	8
18-20 LST	21	17	12	5	#	0	0	0	#	2	14	19	8
21-23 LST	24	18	10	5	#	0	0	#	#	2	13	22	8
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	#	#	1	#	0	0	0	#	1	1	1	0
06-08 LST	1	1	#	#	#	#	#	0	1	1	2	2	1
09-11 LST	1	#	#	#	1	0	#	0	1	1	1	1	1
12-14 LST	1	#	1	1	1	1	#	#	2	1	2	1	1
15-17 LST	1	#	1	2	2	1	#	#	1	1	1	1	1
18-20 LST	1	#	1	1	1	1	0	0	1	1	2	1	1
21-23 LST	1	#	#	1	#	#	0	#	#	1	2	2	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, POR VARIED

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	72	66	54	35	22	21	27	29	36	52	75	77	47
06-08 LST	71	71	59	40	26	22	28	36	45	55	78	76	51
09-11 LST	70	72	61	36	24	22	26	29	42	55	74	74	49
12-14 LST	66	65	52	36	21	21	25	28	42	59	75	71	47
15-17 LST	64	59	46	28	17	18	14	20	36	54	74	69	42
18-20 LST	69	59	45	25	12	11	10	13	28	47	70	72	38
21-23 LST	71	64	47	29	15	14	16	20	33	49	71	75	42
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	62	58	43	27	16	16	23	25	26	35	52	63	37
06-08 LST	60	64	49	33	19	17	22	29	35	39	58	63	41
09-11 LST	60	63	52	29	14	12	16	21	30	38	54	61	37
12-14 LST	57	60	41	22	9	9	8	11	21	37	57	60	33
15-17 LST	51	51	27	13	8	6	4	6	15	27	50	55	26
18-20 LST	54	50	29	14	7	5	4	5	15	28	49	59	26
21-23 LST	59	56	36	21	10	8	11	14	21	32	50	62	32
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	40	41	27	17	11	8	14	17	17	22	34	41	24
06-08 LST	38	40	30	23	12	9	15	18	22	22	37	43	26
09-11 LST	41	46	37	18	9	7	7	12	20	25	37	40	25
12-14 LST	37	40	22	11	5	3	2	4	10	20	36	40	19
15-17 LST	30	31	13	7	4	2	2	2	6	14	32	37	15
18-20 LST	33	29	16	7	4	2	2	3	8	15	31	38	16
21-23 LST	37	35	21	11	6	4	5	8	12	18	31	41	19
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	3	2	2	1	1	3	3	3	2	2	1	2
06-08 LST	1	2	3	4	2	1	3	5	6	1	1	2	3
09-11 LST	2	3	4	2	#	0	0	#	3	1	3	2	2
12-14 LST	1	2	1	1	0	#	0	#	#	#	2	2	1
15-17 LST	1	1	1	1	#	0	0	0	0	#	1	1	0
18-20 LST	1	1	1	#	#	0	0	0	#	#	1	1	1
21-23 LST	2	2	2	1	#	#	#	0	1	1	1	2	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

PREPARED BY USAF/TAC JUNE 1976										STATION NAME Leningrad/Town/USSE LOCATION N 59° 58' E 36° 18'										PERIOD JAN 59-DEC 68 ELEV 11										SYNOPSIS CULL SYNOPSIS NO 26061									
AWS CLIMATIC BRIEF																																							
TEMPERATURE (°F)										PRECIPITATION (MM)										SURFACE WINDS										MEAN NUMBER OF DAYS OCCURRENCE OF									
RELATIVE HUMIDITY (%)										MEAN NUMBER OF DAYS OCCURRENCE OF										TEMPERATURE (°F)										TEMPERATURE (°F)									
MEAN MONTHLY										MEAN MONTHLY										MEAN MONTHLY										MEAN MONTHLY									
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OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KIROV, USSR
LOCATION: 5839N 4938E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 271960
ELEVATION (FEET): 538
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	1	34	34	52	72	82	86	86	86	76	62	44	38	86
MEAN DAILY MAX	1	14	15	30	45	59	66	70	65	54	38	27	18	42
MEAN	1	9	9	23	38	51	59	63	58	48	34	24	14	36
MEAN DAILY MIN	1	2	2	16	30	40	49	53	49	40	29	20	8	28
EXTREME MIN	1	-32	-36	-20	8	24	32	38	32	24	4	-14	-28	-36
# DAYS GE 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 32	1	31	28	29	18	5	0	0	5	20	28	31	195	
# DAYS LE 0	1	13	13	4	0	0	0	0	0	0	2	9	41	
2. PRECIPITATION (INCHES)														
MAXIMUM														
MEAN	2	1.3	0.9	1.0	1.1	1.8	2.3	2.8	2.7	2.1	2.2	1.5	1.4	21.2
MINIMUM														
MAX 24 HR														
# DAYS GE 0.004	1	20	14	12	9	8	9	8	9	10	16	19	20	154
# DAYS GE 0.5														
3. SNOWFALL (INCHES)														
MEAN														
MAXIMUM														
MAX 24 HR														
# DAYS SNOWFALL	1	18	13	10	3	1	0	0	0	1	8	14	18	84
# DAYS GE 1.5														
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)														
RH (4 LST)	1	85	85	84	81	78	87	90	90	90	88	88	85	86
RH (16 LST)	1	82	78	69	58	46	54	57	59	66	78	85	84	68
VAPOR PRESS	1	.07	.07	.11	.17	.23	.35	.43	.38	.28	.18	.13	.09	.21
DEWPOINT	1	5	5	17	28	36	48	54	50	42	30	21	10	29
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	S	S	S	S	S	\$S	\$W	W	S	SW	S	S	S
MEAN SPEED														
(PVLG DRCTN)	1	9	9	9	9	8	7	8	9	8	10	9	10	9
MEAN SPEED														
(ALL OBS)	1	9	8	8	9	8	7	7	7	8	9	10	9	8
MAX PEAK GUST														
PRESSURE ALT	1	1700	1550	1500	1400	1350	1200	1300	1150	1400	1350	1400	1600	1700
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	.6	5	5	5	5	5	5	6	7	7	7	6	
DAYS TSMS	1					4	7	8	6	1				26
DAYS FOG LT 7	1	12	10	13	11	7	9	12	12	15	12	14	11	138
DAYS BNBD LT 7	1		0			0			0	0				1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = \$ CALM GT PVLGN DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2. WORLD CLIMATIC DATA, 30 YEAR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (\$ FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	58	44	37	27	17	19	21	22	36	53	73	62	39
03-05 LST	61	50	43	33	21	29	34	32	46	59	78	64	46
06-08 LST	60	51	48	38	22	28	30	39	52	60	77	65	47
09-11 LST	68	58	43	36	21	25	27	33	49	62	77	71	47
12-14 LST	59	39	38	29	16	22	21	27	43	61	70	63	41
15-17 LST	56	40	33	23	15	17	15	18	31	56	68	60	36
18-20 LST	59	44	33	21	12	13	11	14	28	53	71	64	35
21-23 LST	58	44	33	23	14	17	14	18	28	53	73	62	36
ALL HOURS	60	46	39	29	17	21	22	26	39	57	73	64	41

8. \$ FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	51	39	31	25	14	15	18	18	30	41	63	55	33
03-05 LST	56	45	36	29	18	24	31	30	38	45	68	58	40
06-08 LST	53	43	44	34	19	23	29	34	46	48	65	59	42
09-11 LST	62	56	40	30	14	18	20	25	42	50	69	65	41
12-14 LST	54	37	31	22	9	11	10	12	26	47	61	59	32
15-17 LST	50	35	28	16	9	9	8	9	16	39	56	54	27
18-20 LST	53	35	26	17	8	7	8	10	19	42	58	56	28
21-23 LST	51	39	27	19	11	12	10	13	23	38	60	55	30
ALL HOURS	54	41	33	24	13	15	17	19	30	44	62	58	34

9. \$ FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	20	17	16	9	10	9	11	19	30	44	39	21
03-05 LST	34	26	23	18	12	17	20	18	25	33	51	41	26
06-08 LST	36	24	27	22	13	17	19	23	35	37	48	44	29
09-11 LST	42	38	24	19	9	9	11	14	32	37	50	46	28
12-14 LST	35	19	15	14	4	6	4	6	12	30	46	39	19
15-17 LST	28	18	17	10	4	5	4	4	9	26	40	35	17
18-20 LST	30	19	15	11	4	3	5	5	11	29	38	38	17
21-23 LST	26	21	14	13	6	6	5	6	14	29	45	39	19
ALL HOURS	32	23	19	15	8	9	10	11	20	31	45	40	22

10. \$ FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	2	2	1	1	1	2	4	5	4	1	2
03-05 LST	1	3	3	4	2	4	5	4	6	7	4	2	4
06-08 LST	2	2	4	6	3	2	3	5	10	9	5	3	4
09-11 LST	3	3	2	4	2	0	0	1	4	7	5	3	3
12-14 LST	1	1	1	2	0	1	0	0	0	3	4	1	1
15-17 LST	0	1	0	1	0	0	0	0	0	3	4	2	1
18-20 LST	1	1	2	2	0	1	0	1	0	4	3	1	1
21-23 LST	1	1	1	1	1	0	0	0	1	4	5	2	1
ALL HOURS	1	2	2	3	1	1	1	2	3	5	4	2	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KIROV, USSR
LOCATION: 5839N 4938E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 271960
ELEVATION (FEET): 538
PERIOD: 7301-8612

ICAO: M/A
LST = GMT + 4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	1	1	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	1	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	1	0	1	0	0	0	0
09-11 LST	0	0	0	0	0	0	1	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	2	2	1	0	0	0	0	0
15-17 LST	0	0	0	0	1	5	4	3	0	0	0	0	1
18-20 LST	0	0	0	0	2	4	4	3	0	0	0	0	1
21-23 LST	0	0	0	0	1	2	2	3	0	0	0	0	1
ALL HOURS	0	0	0	0	1	2	2	1	0	0	0	0	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	3	7	7	9	8	11	11	12	10	4	7
03-05 LST	0	2	2	7	9	9	8	9	13	13	10	5	7
06-08 LST	0	2	2	7	7	10	9	10	14	11	8	2	7
09-11 LST	1	1	2	7	8	13	10	8	16	15	9	4	8
12-14 LST	2	1	3	9	10	13	8	11	12	13	10	2	8
15-17 LST	1	0	2	6	9	13	12	14	14	14	8	2	8
18-20 LST	2	2	3	6	11	10	9	8	17	16	7	4	8
21-23 LST	2	1	3	8	8	9	6	10	14	12	9	3	7
ALL HOURS	1	1	3	7	9	11	9	10	14	13	9	3	8

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	48	37	20	9	1	0	0	0	2	17	36	47	18
03-05 LST	53	44	24	9	2	1	0	0	1	18	36	48	20
06-08 LST	51	40	26	11	3	1	0	0	2	19	44	51	21
09-11 LST	48	43	28	11	2	0	0	0	2	20	41	43	20
12-14 LST	46	31	19	8	1	1	0	0	2	17	35	44	17
15-17 LST	39	31	23	9	1	0	0	0	2	18	33	38	16
18-20 LST	44	28	19	8	1	0	0	0	2	17	32	41	16
21-23 LST	49	34	21	8	0	0	0	0	2	19	35	48	18
ALL HOURS	47	36	22	9	1	0	0	0	2	18	36	45	18

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	1	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	1	1	0	0
09-11 LST	0	0	0	0	0	0	0	0	1	0	1	0	0
12-14 LST	1	0	1	1	1	0	0	0	1	1	1	1	1
15-17 LST	0	1	0	1	0	0	0	2	0	2	1	1	1
18-20 LST	0	0	0	1	1	0	0	0	0	1	0	2	0
21-23 LST	0	0	1	0	0	0	0	0	0	1	0	1	0
ALL HOURS	0	0	0	0	0	0	0	0	0	1	1	1	0

REMARKS: * = DATA NOT AVAILABLE 0 = 0.0 LT 0.5, MI = STATUTE MILES
 0 = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	18	15	14	8	9	8	9	19	27	38	33	18
03-05 LST	28	23	21	16	11	15	20	16	23	29	43	36	23
06-08 LST	29	21	25	21	12	15	17	21	32	34	41	38	26
09-11 LST	38	36	23	17	8	7	9	12	27	35	45	43	25
12-14 LST	32	18	12	11	3	5	3	5	11	25	38	35	16
15-17 LST	23	16	15	9	3	4	3	3	7	22	32	30	14
18-20 LST	26	17	14	10	4	3	3	4	10	25	35	31	15
21-23 LST	22	19	13	11	5	5	4	5	12	25	38	31	16
ALL HOURS	28	21	17	14	7	8	8	9	18	28	39	35	19

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	8	7	7	5	3	4	6	10	19	20	18	10
03-05 LST	11	12	13	11	7	10	12	10	15	19	25	18	14
06-08 LST	13	11	16	15	7	8	10	13	24	22	24	17	15
09-11 LST	19	22	14	10	4	3	4	6	15	24	29	22	14
12-14 LST	16	9	8	7	2	4	1	2	2	17	22	16	9
15-17 LST	10	8	8	5	2	1	1	1	3	15	20	17	8
18-20 LST	10	8	9	5	2	1	1	2	5	16	20	16	8
21-23 LST	12	9	6	6	3	3	1	3	6	16	21	17	9
ALL HOURS	13	11	10	8	4	4	4	5	10	19	23	18	11

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	4	4	2	2	1	3	7	11	10	8	5
03-05 LST	5	5	6	6	3	6	7	6	9	10	9	7	7
06-08 LST	6	6	8	9	4	3	5	6	14	13	11	6	8
09-11 LST	7	10	7	7	3	1	0	1	6	12	16	10	7
12-14 LST	7	4	4	4	0	2	0	0	1	8	11	6	4
15-17 LST	4	4	3	2	0	0	1	0	0	7	10	7	3
18-20 LST	3	3	6	4	0	1	0	1	1	8	9	5	3
21-23 LST	4	5	3	3	1	1	0	0	3	8	10	7	4
ALL HOURS	5	5	5	5	2	2	2	2	5	10	11	7	5

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	0	1	1	0	0	1	2	2	3	1	1
03-05 LST	0	1	2	3	1	2	4	2	3	4	1	1	2
06-08 LST	1	1	3	5	1	1	2	4	8	3	2	1	3
09-11 LST	2	2	1	3	1	0	0	1	2	4	4	1	2
12-14 LST	1	1	1	2	0	1	0	0	0	2	2	1	1
15-17 LST	0	1	0	1	0	0	0	0	0	1	3	0	1
18-20 LST	0	1	1	1	0	0	0	0	0	2	2	0	1
21-23 LST	0	1	0	0	0	0	0	0	0	3	2	1	1
ALL HOURS	1	1	1	2	1	1	1	1	2	3	2	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MAGADAN, RUSSIA
LOCATION: 5935N 15048E
PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 259130
ELEVATION (FEET): 387
PERIOD: 7301-9012

ICAO: UHMM
LST = GMT +11

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	36	34	36	44	60	70	78	78	68	52	36	78
MEAN DAILY MAX	1	5	10	16	27	39	50	56	58	49	33	16	31
MEAN	1	2	6	11	23	35	46	52	54	45	29	13	27
MEAN DAILY MIN	1	-1	1	5	18	31	41	48	49	41	25	9	22
EXTREME MIN	1	-23	-21	-18	-06	14	28	39	37	23	1	-14	-23
# DAYS GE 90	1	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 32	1	31	28	31	30	21	1	0	0	2	24	30	228
# DAYS LE 0	1	20	14	10	#	0	0	0	0	0	5	16	66
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	12	12	12	13	15	14	19	17	16	16	13	175
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	12	12	11	11	9	#	0	0	1	12	16	97
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST)	1	61	62	63	73	82	87	90	84	80	69	64	73
RH (14 LST)	1	59	58	56	63	71	74	79	72	69	62	62	66
VAPOR PRESS	1	.03	.04	.05	.09	.16	.25	.33	.33	.24	.12	.06	.15
DEWPOINT	1	-7	-4	0	14	27	39	47	47	37	19	3	18
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	NE	NE	NE	NE	W	W	W	W	NE	NE	NE	NE
MEAN SPEED													
(PVLG DRCTN)	1	9	9	8	8	6	7	7	6	7	8	9	8
MEAN SPEED													
(ALL OBS)	1	8	8	7	7	6	6	6	6	6	8	8	7
MAX PEAK GUST	1	37	35	37	27	37	45	21	19	35	54	47	54
PRESSURE ALT	1	1500	1100	1300	1470	1500	1250	1250	1250	1200	1450	1400	1500
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	6	6	7	6	6	6	5	6
DAYS TSTMS	1	#	#	0	#	#	#	1	1	#	#	0	3
DAYS FOG LT 7	1	0	#	1	3	9	11	15	8	5	1	0	53
DAYS BNBD LT 7	1	0	0	0	0	#	0	0	#	0	0	0	0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(MAGADAN, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
¢ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY.
2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	17	14	31	44	49	63	48	43	34	29	17	34
03-05 LST	16	19	14	33	48	52	66	50	45	35	30	19	36
06-08 LST	16	20	14	30	46	51	66	53	50	38	31	20	36
09-11 LST	15	17	9	25	41	43	57	46	47	37	31	19	32
12-14 LST	13	16	10	25	40	37	51	44	45	37	29	20	31
15-17 LST	15	15	10	23	38	36	50	43	42	36	31	19	30
18-20 LST	15	15	10	24	36	37	53	45	46	33	30	18	30
21-23 LST	13	16	13	29	42	45	60	47	42	36	29	18	33
ALL HOURS	15	17	12	28	42	44	58	47	45	36	30	19	33

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	6	5	18	31	38	50	32	27	11	10	6	20
03-05 LST	7	6	5	18	37	44	55	34	26	11	10	7	22
06-08 LST	6	5	5	17	34	41	55	37	28	14	10	6	22
09-11 LST	3	5	4	15	29	32	45	30	25	11	11	5	18
12-14 LST	4	4	4	15	24	24	37	26	22	12	10	5	16
15-17 LST	4	4	3	14	23	24	38	26	20	12	10	4	15
18-20 LST	4	6	3	14	23	27	41	29	24	10	10	6	16
21-23 LST	4	6	4	18	28	34	49	30	24	10	11	6	19
ALL HOURS	5	5	4	16	29	33	46	31	24	11	10	6	18

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	2	11	25	35	46	27	20	4	1	#	14
03-05 LST	1	1	2	12	28	41	52	28	20	4	1	1	16
06-08 LST	1	1	3	12	28	39	50	31	20	7	2	1	16
09-11 LST	#	1	2	8	23	26	38	23	18	5	3	1	12
12-14 LST	#	1	2	7	19	20	30	19	15	5	3	2	10
15-17 LST	#	1	1	7	19	21	31	20	12	4	2	1	10
18-20 LST	#	1	1	9	18	23	35	22	16	3	1	1	11
21-23 LST	#	1	2	10	24	30	44	24	19	3	1	1	13
ALL HOURS	#	1	2	10	23	29	41	24	17	4	2	1	13

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	1	5	18	23	32	14	10	#	0	0	9
03-05 LST	0	#	1	7	20	29	37	16	10	#	0	0	10
06-08 LST	0	0	1	7	18	27	34	17	11	1	0	#	10
09-11 LST	0	#	#	3	14	15	18	10	8	1	0	0	6
12-14 LST	0	0	#	2	10	13	16	8	6	1	0	0	5
15-17 LST	0	0	#	3	11	13	16	9	6	1	#	0	5
18-20 LST	0	#	#	3	13	12	20	10	9	1	#	0	6
21-23 LST	0	0	1	4	16	19	27	12	10	1	0	0	7
ALL HOURS	0	#	1	4	15	19	25	12	9	1	#	#	7

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MAGADAN, RUSSIA
LOCATION: 5935N 15048E
PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 259130
ELEVATION (FEET): 387
PERIOD: 7301-9012

ICAO: UHMM
LST = GMT +11

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	#	0	0	0	0	0	#
03-05 LST	0	0	0	#	0	0	0	#	0	0	0	0	#
06-08 LST	0	0	0	0	0	#	#	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	#	#	0	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	#	0	0	0	0	#
15-17 LST	#	0	0	0	0	#	0	0	#	0	0	0	#
18-20 LST	0	#	0	0	0	0	0	#	0	0	0	0	#
21-23 LST	0	0	0	0	0	#	#	0	#	0	0	0	#
ALL HOURS	#	#	0	#	0	#	#	#	#	0	0	0	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	6	21	29	21	23	8	0	0	9
03-05 LST	#	0	0	#	6	19	32	24	21	6	0	0	9
06-08 LST	0	0	0	#	5	20	30	24	22	7	#	0	9
09-11 LST	0	0	0	#	4	16	25	20	23	8	0	#	8
12-14 LST	#	0	0	#	5	14	21	20	21	8	0	#	8
15-17 LST	#	#	0	#	5	14	22	16	20	7	#	0	7
18-20 LST	0	#	#	0	4	11	21	19	19	6	0	0	7
21-23 LST	0	#	0	#	6	13	24	19	21	8	0	0	8
ALL HOURS	#	#	#	#	5	16	25	20	21	7	#	#	8

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	22	19	22	14	0	0	#	1	19	26	19	13
03-05 LST	21	21	19	23	17	#	#	0	1	19	26	20	14
06-08 LST	21	24	18	25	19	0	0	0	2	18	28	21	15
09-11 LST	19	25	16	23	17	0	0	0	2	22	28	21	15
12-14 LST	17	21	15	21	15	#	0	0	2	20	31	25	14
15-17 LST	17	20	12	17	10	0	0	0	1	16	29	19	12
18-20 LST	19	18	12	18	11	#	0	0	2	16	26	19	12
21-23 LST	17	17	16	21	13	0	0	0	1	16	26	19	12
ALL HOURS	19	21	16	21	14	#	#	#	2	18	28	20	13

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	#	#	#	1	#	#	#	2	3	1	1
03-05 LST	1	1	1	0	1	1	0	0	#	2	3	2	1
06-08 LST	#	1	1	#	#	0	0	0	#	3	2	2	1
09-11 LST	1	1	1	#	1	1	0	0	1	3	2	2	1
12-14 LST	1	1	1	#	1	#	0	0	1	3	3	2	1
15-17 LST	2	1	1	#	1	1	#	#	1	3	3	3	1
18-20 LST	1	1	#	#	1	#	0	0	1	3	2	2	1
21-23 LST	1	1	0	0	1	1	#	0	#	3	3	2	1
ALL HOURS	1	1	1	#	1	1	#	#	1	3	3	2	1

(MAGADAN, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY.
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	2	11	24	34	45	24	19	4	1	#	14
03-05 LST	1	1	2	11	27	40	51	25	19	4	1	1	15
06-08 LST	1	1	2	12	27	38	48	29	19	6	2	1	15
09-11 LST	#	1	2	7	22	26	36	22	16	5	3	1	12
12-14 LST	#	1	1	6	17	19	29	18	13	5	3	2	10
15-17 LST	#	1	1	7	18	20	30	19	11	4	2	1	9
18-20 LST	#	1	1	8	18	22	34	20	16	3	1	1	10
21-23 LST	#	1	2	9	23	29	43	22	17	3	1	1	13
ALL HOURS	#	1	1	9	22	29	39	22	16	4	2	1	12

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	8	21	28	39	17	14	3	1	#	11
03-05 LST	1	1	2	9	23	34	45	19	14	2	1	1	13
06-08 LST	1	1	2	10	23	32	42	21	14	4	2	1	13
09-11 LST	#	1	1	6	18	20	27	14	10	3	3	1	9
12-14 LST	#	1	1	4	13	15	22	11	7	3	3	2	7
15-17 LST	#	1	1	6	15	16	23	11	7	2	2	1	7
18-20 LST	#	1	1	6	16	16	27	12	11	2	1	1	8
21-23 LST	#	1	1	6	20	24	34	15	12	2	1	1	10
ALL HOURS	#	1	1	7	19	23	32	15	11	3	2	1	10

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	1	5	18	24	34	15	11	1	#	0	9
03-05 LST	0	#	1	7	20	29	39	17	11	#	0	1	11
06-08 LST	0	#	1	8	19	27	36	18	12	2	#	#	10
09-11 LST	#	1	1	4	15	16	22	11	9	1	1	#	7
12-14 LST	0	#	1	3	11	14	18	9	7	1	1	1	5
15-17 LST	#	#	#	3	11	14	18	9	6	1	1	#	5
18-20 LST	0	#	1	3	13	13	23	11	10	1	1	0	6
21-23 LST	#	#	1	4	17	21	30	13	11	1	#	#	8
ALL HOURS	#	#	1	5	16	20	27	13	9	1	1	#	8

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	5	17	23	30	13	9	#	0	0	8
03-05 LST	0	#	1	7	19	29	36	15	9	#	0	0	10
06-08 LST	0	0	1	6	17	24	32	16	10	1	0	#	9
09-11 LST	0	#	#	2	11	12	14	9	7	1	0	0	5
12-14 LST	0	0	#	1	8	8	12	7	5	1	0	0	3
15-17 LST	0	0	#	2	11	8	12	8	5	1	0	0	4
18-20 LST	0	0	#	2	12	10	17	9	9	1	#	0	5
21-23 LST	0	0	1	4	16	19	25	11	10	1	0	0	7
ALL HOURS	0	#	#	4	14	17	22	11	8	1	#	#	6

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MALIYE KARMAKULI, USSR
 LOCATION: 72°23'N, 52°44'E
 PREPARED BY: USAFETAC/ECR, DEC 1988

STATION #: 207440
 ELEVATION (FEET): 16
 PERIOD: 7301-8612

ICAO ID: N/A
 LST = GMT +3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1	41	35	35	41	46	67	84	71	66	53	50	36	84
MEAN DLY MAX 1	9	9	13	17	27	37	49	47	40	29	21	15	26
MEAN 1	5	5	9	13	24	35	45	44	38	27	18	11	23
MEAN DLY MIN 1	0	0	4	7	20	31	41	40	35	23	13	6	18
EXTREME MIN 1	-26	-37	-37	-17	-13	0	5	29	23	0	-23	-30	-37
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32 1	31	28	31	30	31	18	1	1	8	28	30	31	268
# DAYS > 0 1	17	16	14	10	0	0	0	0	0	0	5	11	73
2. PRECIPITATION (INCHES)													
MAXIMUM 3	0	0	0	0	0	23	31.9	37	34	0	0	0	0
MEAN 2	0.4	0.2	0.2	0.4	0.4	0.8	11	1.4	2.0	1.4	0.8	0.4	9.5
MINIMUM 3	0	0	0	0	0	0.8	0.8	2.7	2.7	0	0	0	0
MAX 24 HR 3	0	0	0	0	0	10.9	10.5	10.5	10.9	0	0	0	0
# DAYS > 0.01 2	13	7	11	11	10	10	18	18	18	18	10	10	154
# DAYS > 0.5 2	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (03 LST) 1	77	76	79	76	81	85	83	85	85	81	79	78	80
RH (15 LST) 1	77	77	76	73	78	81	77	79	81	80	79	78	78
VAPOR PRESS 1	.06	.06	0	.07	.11	.17	.24	.24	.20	.13	.09	.07	.31
DEWPOINT 1	0	0	4	6	18	30	39	38	34	22	12	6	17
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	ESE	E	E	ESE	E	NNW	NNW	N	ESE	ESE	ESE	E	ESE
MEAN SPEED (PVLG DRCTN) 1	29	25	29	26	23	11	9	12	20	16	22	25	20
MEAN SPEED (ALL OBS) 1	18	17	16	14	13	12	10	11	14	14	17	17	14
MAX (PK GST) 1	1350	1300	1500	1700	800	910	1160	1230	1100	1600	1400	1750	1750
PRESSURE ALT 1	1350	1300	1500	1700	800	910	1160	1230	1100	1600	1400	1750	1750
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	5	5	5	6	6	6	6	6	6	6	6	6
DAYS TSTMS 1	0	0	0	0	0	0	0	0	0	0	0	0	4
DAYS FOG < 7 1	1	3	4	2	4	11	18	11	8	3	2	1	68
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	1
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR7301-8612
 2. NIS 26, SEC 23
 3. WORLD SURVEY OF CLIMATOLOGY, VOL 7

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	#	100	#	#	#	#	100	#	0	17
03-05 LST	42	48	55	44	61	66	53	58	64	48	50	50	53
06-08 LST	49	50	59	39	64	69	49	57	60	51	50	50	54
09-11 LST	49	48	52	39	60	66	47	60	59	51	55	54	53
12-14 LST	51	45	51	37	55	69	44	60	57	49	53	55	52
15-17 LST	48	45	51	40	58	65	43	56	62	49	53	55	52
18-20 LST	48	46	52	43	56	64	47	57	64	50	51	53	53
21-23 LST	46	45	51	41	59	65	49	59	62	46	49	50	52
ALL HOURS	42	41	46	36	64	58	42	51	53	55	45	46	48

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	#	100	#	#	#	#	0	#	0	8
03-05 LST	32	34	45	32	44	51	43	43	38	26	33	40	38
06-08 LST	38	37	48	31	47	52	41	39	38	28	35	38	39
09-11 LST	35	38	46	32	42	49	38	39	39	29	37	42	39
12-14 LST	40	37	46	32	39	49	37	39	37	28	39	42	39
15-17 LST	36	38	44	33	41	50	35	38	34	31	38	42	38
18-20 LST	37	32	43	34	37	47	38	38	42	28	34	42	38
21-23 LST	34	31	43	31	40	49	41	40	39	25	34	40	37
ALL HOURS	32	31	39	28	49	43	34	34	33	24	31	36	35

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	#	0	#	#	#	#	0	#	0	0
03-05 LST	18	18	24	17	16	27	29	23	14	8	16	18	19
06-08 LST	22	22	26	19	16	29	29	19	18	7	19	16	20
09-11 LST	21	24	31	17	19	27	25	18	15	10	18	17	20
12-14 LST	22	23	29	18	15	24	25	17	14	10	18	17	19
15-17 LST	20	22	29	15	16	26	23	18	13	9	17	18	19
18-20 LST	21	20	28	18	13	25	24	18	16	9	17	20	19
21-23 LST	20	18	26	16	18	27	27	20	15	9	18	18	19
ALL HOURS	18	18	24	15	14	23	23	16	13	8	15	15	17

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	#	0	#	#	#	#	0	#	0	0
03-05 LST	6	5	7	5	5	8	11	7	3	1	2	5	5
06-08 LST	8	6	7	4	4	7	9	5	6	1	2	2	5
09-11 LST	7	4	6	6	3	5	5	5	3	1	3	4	4
12-14 LST	6	6	7	6	3	5	6	5	2	1	4	4	5
15-17 LST	7	6	6	5	3	5	6	6	3	1	3	4	5
18-20 LST	7	5	8	5	3	6	8	5	3	1	4	5	5
21-23 LST	6	5	6	5	4	7	10	5	5	1	2	4	5
ALL HOURS	6	5	6	5	3	5	7	5	3	1	3	4	4

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: MALIYE KARMAKULI, USSR
 LOCATION: 72°23'N, 52°11'E
 PREPARED BY: USAFETAC/ECR, DEC 1988

STATION #: 207440
 ELEVATION (FEET): 16
 PERIOD: 7301-8612

ICAO ID: N/A
 LST = GMT +3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	#	0	#	#	#	#	0	#	0	0
03-05 LST	0	#	#	0	0	0	0	0	0	0	0	0	#
06-08 LST	0	#	0	0	0	0	0	0	0	0	#	0	#
09-11 LST	0	0	#	0	0	0	0	0	0	0	0	0	#
12-14 LST	#	0	0	0	0	0	0	0	#	0	0	0	#
15-17 LST	0	0	#	#	0	0	0	0	0	0	0	#	#
18-20 LST	0	0	0	1	0	#	0	#	0	#	0	#	#
21-23 LST	0	#	#	#	0	0	0	#	#	0	0	0	#
ALL HOURS	#	#	#	#	0	#	0	#	#	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	#	0	#	#	#	#	0	#	0	0
03-05 LST	#	#	#	#	2	8	13	17	17	5	2	1	6
06-08 LST	0	#	0	1	1	10	10	15	12	4	2	#	5
09-11 LST	#	0	#	1	1	8	11	10	15	5	2	#	5
12-14 LST	1	1	0	#	2	8	10	11	14	3	4	1	5
15-17 LST	#	0	#	1	1	6	9	13	15	6	2	1	5
18-20 LST	0	1	#	1	2	7	8	10	17	6	2	1	4
21-23 LST	#	1	#	#	2	8	11	13	16	6	2	1	5
ALL HOURS	#	#	#	1	1	7	9	11	13	4	2	1	4

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	#	0	#	#	#	#	0	#	0	0
03-05 LST	18	23	25	21	22	14	1	#	2	12	17	23	15
06-08 LST	19	24	23	19	21	13	1	0	3	14	16	22	15
09-11 LST	17	24	26	19	21	11	#	#	4	14	20	23	15
12-14 LST	22	26	23	17	19	9	#	0	3	16	21	20	15
15-17 LST	20	25	22	24	19	9	#	0	3	16	19	21	15
18-20 LST	18	21	25	22	15	8	#	#	3	14	17	22	14
21-23 LST	20	22	21	17	18	10	0	#	4	15	18	22	14
ALL HOURS	17	21	21	17	17	9	#	#	3	13	16	19	13

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
01-02 LST	#	#	0	#	0	#	#	#	#	0	#	0	0
03-05 LST	28	25	24	15	11	8	6	6	16	9	20	22	16
06-08 LST	27	18	25	14	13	9	8	6	11	8	21	23	15
09-11 LST	27	25	24	18	11	9	7	8	12	11	24	22	17
12-14 LST	26	26	21	19	12	11	6	8	12	13	21	24	17
15-17 LST	25	24	22	18	13	11	7	7	10	13	22	26	16
18-20 LST	29	22	19	19	12	10	8	7	13	11	20	24	16
21-23 LST	27	23	22	15	12	8	7	7	12	13	22	25	16
ALL HOURS	24	20	20	15	10	8	6	6	11	10	19	21	14

REMARKS: * = DATA NOT AVAILABLE, 0 = 0.0 < 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2. NIS 26, SEC 23
 3. WORLD SURVEY OF CLIMATOLOGY, VOL 7

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	18	18	23	16	15	26	28	21	12	6	13	17	18
06-08 LST	22	21	26	18	14	27	28	17	17	6	17	16	19
09-11 LST	21	22	28	17	17	25	24	16	14	9	17	17	19
12-14 LST	21	22	26	17	13	22	24	14	11	9	17	16	18
15-17 LST	19	21	27	15	15	24	22	18	12	9	16	16	18
18-20 LST	21	19	26	17	13	21	22	16	14	8	15	19	18
21-23 LST	20	18	25	15	17	26	26	18	13	8	17	17	18
ALL HOURS	18	18	22	14	13	21	22	15	11	7	14	15	16

6. % FREQ OF CIG/VIS < 500/1.5 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	15	14	18	11	9	14	19	11	4	3	8	10	11
06-08 LST	18	13	18	13	10	16	18	9	8	4	12	12	13
09-11 LST	17	14	20	12	9	13	13	10	6	5	10	13	12
12-14 LST	19	17	20	13	8	13	15	9	5	4	9	10	12
15-17 LST	15	17	19	11	7	12	14	10	6	5	11	11	11
18-20 LST	18	16	19	12	7	13	14	10	7	5	11	11	13
21-23 LST	16	15	18	12	9	14	17	10	7	5	10	12	12
ALL HOURS	15	13	17	10	7	12	14	9	5	4	9	10	10

7. % FREQ OF CIG/VIS < 300/1 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	10	7	11	8	7	9	13	7	3	1	5	7	7
06-08 LST	14	7	10	8	6	8	11	6	6	2	9	8	8
09-11 LST	11	8	11	8	5	7	7	5	3	2	7	9	7
12-14 LST	13	11	12	8	6	7	7	6	4	2	7	8	8
15-17 LST	11	11	12	7	4	6	8	7	4	1	7	8	7
18-20 LST	12	8	11	9	4	8	10	6	4	2	8	9	7
21-23 LST	10	9	12	7	5	9	11	6	5	2	7	8	8
ALL HOURS	10	8	10	7	5	7	8	5	4	2	6	7	7

8. % FREQ OF CIG/VIS < 100/0.25 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	4	2	5	4	3	4	4	3	1	0	2	3	3
06-08 LST	7	2	5	3	3	3	4	3	3	1	1	2	3
09-11 LST	5	2	4	4	2	2	2	3	1	1	2	3	2
12-14 LST	4	4	5	4	2	3	3	2	0	1	3	3	3
15-17 LST	4	4	5	3	1	3	2	3	1	1	2	3	3
18-20 LST	4	3	5	4	1	3	3	2	2	0	3	3	3
21-23 LST	4	2	5	4	2	5	5	3	2	1	2	2	3
ALL HOURS	4	2	4	3	2	3	3	2	1	1	2	2	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MOGACHA-IN-CHITA, USSR
LOCATION: 5344N 11948E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 306730
ELEVATION (FEET): 2031
PERIOD: 7301-8612

ICAO: M/A
LST = GMT +9

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	1	21	34	47	69	87	94	95	86	80	65	42	32	95
MEAN DAILY MAX	1	-4	6	23	39	57	69	73	67	56	35	13	-3	36
MEAN	1	-18	-10	8	29	45	57	62	57	44	23	-1	-16	23
MEAN DAILY MIN	1	-29	-26	-9	16	32	44	51	45	31	9	-12	-26	11
EXTREME MIN	1	-52	-48	-40	-16	10	28	32	23	10	-18	-36	-50	-52
# DAYS GE 90	1	0	0	0	0	0	1	1	0	0	0	0	0	2
# DAYS LE 32	1	31	28	30	28	17	1	#	2	17	30	30	31	245
# DAYS LE 0	1	31	28	25	3	0	0	0	0	0	7	27	31	152
2. PRECIPITATION (INCHES)														
MAXIMUM	2	0.4	0.6	0.6	2.0	3.2	7.8	10.9	10.9	3.6	1.7	1.1	0.8	27.4
MEAN	2	0.1	0.1	0.2	0.7	1.4	3.0	4.3	3.9	2.0	0.6	0.4	0.2	16.8
MINIMUM	2	0.0	0.0	0.0	0.1	0.0	0.2	0.9	1.1	0.4	0.0	0.1	0.0	10.6
MAX 24 HR	2	0.2	0.3	0.4	1.1	1.8	1.8	3.9	2.8	1.5	0.7	0.4	0.3	3.9
# DAYS GE 0.004	1	4	4	4	5	5	8	8	5	3	4	4	4	62
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	3	3	3	3	1	0	0	1	3	4	4	4	25
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)														
RH (6 LST)	1	76	77	81	76	77	89	93	94	88	82	82	78	83
RH (15 LST)	1	65	54	46	40	36	43	52	53	42	44	59	69	50
VAPOR PRESS	1	.01	.02	.04	.09	.16	.30	.41	.35	.20	.09	.04	.02	.14
DEWPOINT	1	-24	-17	-2	14	27	43	52	48	32	12	-6	-20	13
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$NW	\$NW	\$NW	\$NW	\$NW	\$NW	\$NW	\$NW	\$NW	\$NW	\$NW	\$NW	\$NW
MEAN SPEED														
(PVLG DRCTN)	1	6	6	6	7	7	6	5	6	6	6	6	6	6
MEAN SPEED														
(ALL OBS)	1	2	2	4	6	5	4	3	3	4	4	2	2	3
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	2450	2590	2910	4330	4660	2740	2840	3500	2910	2450	7390	3140	7390
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	5	6	6	6	6	5	5	5	4	5	
DAYS TSMS	1	#	#	#	#	1	8	9	7	2	#	0	#	27
DAYS FOG LT 7	1	9	4	#	#	2	5	9	14	7	#	#	5	55
DAYS BNBD LT 7	1	0	0	0	0	#	#	0	#	0	#	#	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = \$ CALM GT PVLGN DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, POR VARIED

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	1	1	8	8	14	22	28	11	5	3	2	9
06-08 LST	7	2	#	7	14	28	42	52	21	6	2	4	15
09-11 LST	19	13	4	10	13	21	33	41	26	9	4	13	17
12-14 LST	13	2	2	12	15	18	25	24	19	7	4	8	12
15-17 LST	3	1	3	12	15	13	20	19	17	9	5	2	10
18-20 LST	2	2	3	10	13	10	11	14	11	8	4	1	7
21-23 LST	2	1	2	7	7	11	13	17	10	5	3	3	7
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. \$ FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	1	1	2	2	7	12	16	6	3	3	2	5
06-08 LST	7	2	#	3	7	19	31	40	14	3	2	4	11
09-11 LST	19	13	4	5	5	9	20	29	17	5	3	13	12
12-14 LST	13	2	2	5	4	5	7	9	6	5	4	8	6
15-17 LST	3	1	1	5	3	4	6	3	3	5	4	2	3
18-20 LST	2	2	1	4	2	2	2	3	2	5	4	1	2
21-23 LST	2	1	1	3	2	2	3	4	3	3	3	3	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. \$ FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	1	#	2	1	5	9	14	4	2	2	2	4
06-08 LST	5	1	#	2	4	15	27	36	11	2	1	3	9
09-11 LST	18	11	2	3	3	6	13	23	13	4	3	11	9
12-14 LST	12	2	1	3	2	2	2	3	3	3	3	6	4
15-17 LST	3	0	1	4	1	#	3	1	1	3	3	1	2
18-20 LST	1	2	1	3	1	0	1	1	1	4	3	1	1
21-23 LST	1	#	1	2	1	1	2	2	1	2	1	2	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. \$ FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	#	0	0	1	5	8	11	2	1	#	1	3
06-08 LST	2	#	0	0	3	14	23	29	10	1	0	1	7
09-11 LST	12	7	1	1	1	2	6	17	11	2	#	7	6
12-14 LST	9	2	#	1	#	1	1	1	#	1	#	4	2
15-17 LST	#	0	#	1	#	0	1	0	0	2	#	#	#
18-20 LST	0	1	#	1	#	0	1	0	1	1	#	0	#
21-23 LST	1	0	#	1	#	#	1	1	1	1	#	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MOGACHA-IN-CHITA, USSR
LOCATION: 5344N 11948E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 306730
ELEVATION (FEET): 2031
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +9

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	0	#	3	3	1	0	0	0	0	1
06-08 LST	0	0	0	0	0	1	1	1	#	0	0	#	#
09-11 LST	0	0	#	0	0	1	2	1	#	0	0	0	#
12-14 LST	0	0	0	0	#	2	2	1	0	0	0	0	#
15-17 LST	0	0	0	0	1	7	10	7	2	#	0	#	2
18-20 LST	0	0	0	0	1	10	11	6	1	0	0	0	2
21-23 LST	#	#	0	0	#	4	5	4	#	#	0	0	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	0	4	7	9	10	4	0	0	0	3
06-08 LST	0	1	0	#	4	8	9	9	5	#	#	#	3
09-11 LST	0	0	1	1	6	8	10	11	4	#	#	#	3
12-14 LST	0	0	#	1	5	7	6	7	7	1	0	0	3
15-17 LST	#	0	0	1	6	8	8	12	5	1	0	0	3
18-20 LST	#	1	1	1	5	8	8	10	5	#	#	0	3
21-23 LST	#	#	0	1	3	7	8	9	5	0	#	0	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	7	8	6	8	1	0	#	0	1	7	8	8	5
06-08 LST	7	8	6	9	2	#	0	#	2	9	7	7	5
09-11 LST	6	11	11	9	2	0	0	0	2	5	8	8	5
12-14 LST	9	9	6	9	4	0	0	0	1	5	10	11	5
15-17 LST	8	7	6	10	3	0	0	0	1	5	8	7	5
18-20 LST	6	8	5	8	2	0	0	0	1	5	6	7	4
21-23 LST	8	6	6	8	1	0	0	#	1	4	8	8	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	#	0	#	#	0	0	1	0	#	0	0	#
06-08 LST	0	0	0	0	#	#	0	0	0	#	#	0	#
09-11 LST	#	0	#	0	#	0	0	0	0	0	#	0	#
12-14 LST	0	#	#	0	1	0	0	0	0	#	0	0	#
15-17 LST	#	0	#	0	#	0	0	1	#	0	0	0	#
18-20 LST	0	0	#	#	#	#	#	#	0	0	0	0	#
21-23 LST	#	0	#	#	0	0	0	0	0	#	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	1	#	2	1	5	9	13	3	2	2	2	4
06-08 LST	5	1	#	2	4	15	25	35	11	2	1	3	9
09-11 LST	18	11	2	3	3	5	11	21	13	4	2	11	9
12-14 LST	12	2	1	3	2	2	2	2	2	3	3	6	3
15-17 LST	3	0	1	4	1	0	2	1	1	3	3	1	2
18-20 LST	1	2	1	3	1	0	1	#	1	4	3	1	1
21-23 LST	1	#	1	2	0	1	2	1	1	2	1	2	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	1	#	1	1	5	8	12	3	2	1	2	3
06-08 LST	3	1	#	1	3	14	25	32	11	2	1	2	8
09-11 LST	16	9	2	2	2	4	8	19	12	3	1	10	7
12-14 LST	10	2	1	2	1	1	2	1	1	2	2	5	2
15-17 LST	1	0	1	2	1	0	2	0	#	3	2	1	1
18-20 LST	#	1	1	2	#	0	1	0	1	3	2	#	1
21-23 LST	1	#	0	1	#	1	2	1	1	1	1	2	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	#	#	#	1	5	8	12	2	1	#	1	3
06-08 LST	2	#	0	0	3	14	24	30	10	1	1	2	7
09-11 LST	13	8	1	2	2	3	7	17	11	2	1	8	6
12-14 LST	9	2	#	2	#	1	1	1	1	1	#	5	2
15-17 LST	1	0	1	2	1	0	1	0	0	2	1	#	1
18-20 LST	0	1	1	2	#	0	1	0	1	2	1	#	1
21-23 LST	1	#	0	1	#	#	1	1	1	1	#	2	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	0	0	0	#	4	7	7	2	#	#	1	2
06-08 LST	1	#	0	0	3	10	16	25	9	1	#	1	6
09-11 LST	10	5	#	1	#	1	3	7	6	1	#	5	3
12-14 LST	4	1	0	0	0	0	#	1	#	#	0	1	1
15-17 LST	#	0	#	0	#	0	0	0	0	1	0	0	#
18-20 LST	0	#	0	#	#	0	0	0	0	#	#	0	#
21-23 LST	#	0	0	#	#	#	#	1	1	1	0	1	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MOSCOW, USSR
LOCATION: 5545N 3735E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 276120
ELEVATION (FEET): 512
PERIOD: 7301-8612

ICAO: M/A
LST = GMT + 3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	1	38	39	54	76	88	90	94	88	78	72	50	42	94
MEAN DAILY MAX	1	21	22	34	49	63	69	71	69	58	45	33	25	47
MEAN	1	17	18	29	43	56	62	65	62	52	40	30	22	41
MEAN DAILY MIN	1	12	12	24	36	48	53	57	54	45	35	26	17	35
EXTREME MIN	1	-14	-16	2	22	32	34	46	38	28	16	4	-16	-16
# DAYS GE 90	1	0	0	0	0	0	#	1	0	0	0	0	0	1
# DAYS LE 32	1	30	28	26	10	#	0	0	0	1	11	22	29	157
# DAYS LE 0	1	7	5	0	0	0	0	0	0	0	0	0	3	15
2. PRECIPITATION (INCHES)														
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	2	1.2	1.1	1.3	1.4	2.1	2.6	2.9	2.9	2.3	2.0	1.4	1.4	22.6
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	1	16	12	9	8	6	7	8	7	8	10	13	16	120
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	2	14	10	6	1	0	0	0	0	2	7	13	53	
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (6 LST)	1	87	84	82	77	75	87	84	87	87	84	89	86	83
RH (15 LST)	1	78	71	62	55	39	42	55	56	61	62	69	81	64
VAPOR PRESS	1	.09	.09	.13	.19	.28	.36	.43	.41	.30	.21	.15	.11	.23
DEWPOINT	1	13	12	22	31	41	49	54	52	44	34	26	18	33
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	W	SW	SE	SW	SW	SW	SW	SW	W	W	W	SW	
MEAN SPEED														
(PVLG DRCTN)	1	9	8	10	9	9	8	7	7	9	9	10	9	9
MEAN SPEED														
(ALL OBS)	1	8	7	7	7	6	6	5	5	6	7	8	8	7
MAX PEAK GUST	1	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1600	1560	1310	1260	1110	1360	1300	1320	1370	1250	1450	1660	1660
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	6	5	5	5	5	5	6	6	7	6	
DAYS TSMS	1	#	0	#	1	4	7	7	5	2	#	#	#	26
DAYS FOG LT 7	1	20	17	19	14	10	9	13	15	17	17	18	20	189
DAYS BNBD LT 7	1	0	0	#	0	0	#	#	#	#	0	0	#	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = \$ CALM GT PVLGN DRCTN
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2. WORLD CLIMATIC DATA, 10 YR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	69	56	49	31	18	15	20	21	32	51	74	76	43
06-08 LST	70	60	52	35	21	22	29	30	43	57	77	77	48
09-11 LST	71	67	56	40	22	25	26	30	52	59	78	80	51
12-14 LST	67	59	50	41	20	22	27	29	44	60	77	74	48
15-17 LST	64	50	47	34	20	18	21	23	34	56	76	72	43
18-20 LST	64	51	43	29	15	15	18	16	25	48	73	73	39
21-23 LST	68	51	44	29	16	14	16	19	25	46	72	76	40
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	55	41	36	23	10	9	15	14	22	35	55	62	31
06-08 LST	57	49	41	28	16	15	23	25	34	37	61	64	38
09-11 LST	61	57	46	31	15	17	19	24	40	46	62	68	41
12-14 LST	59	47	37	24	9	10	12	12	24	40	61	64	33
15-17 LST	50	35	28	17	7	6	8	8	16	28	53	58	26
18-20 LST	48	34	28	15	6	6	6	6	13	28	53	61	25
21-23 LST	54	35	29	17	9	7	10	11	17	28	51	62	28
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	39	26	23	15	6	6	9	7	12	20	37	45	20
06-08 LST	40	30	29	20	10	8	14	14	20	24	43	45	25
09-11 LST	47	41	33	21	9	8	12	13	26	31	46	51	28
12-14 LST	44	31	25	14	4	6	5	7	11	24	42	48	22
15-17 LST	37	21	16	11	3	4	4	4	8	19	38	42	17
18-20 LST	34	17	16	10	3	3	3	2	8	17	36	41	16
21-23 LST	37	20	17	11	5	4	6	4	9	17	36	43	17
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	2	1	1	0	#	#	1	1	1	2	1	1
06-08 LST	#	1	2	2	0	0	2	1	2	2	3	2	2
09-11 LST	1	1	3	2	0	#	1	#	1	2	1	1	1
12-14 LST	1	0	#	0	0	1	0	0	0	2	1	2	1
15-17 LST	1	1	#	0	0	#	0	#	#	0	#	2	#
18-20 LST	1	1	#	#	0	#	#	0	1	#	1	1	#
21-23 LST	1	1	#	1	#	#	#	#	1	#	2	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MOSCOW, USSR
LOCATION: 5545N 3735E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 276120
ELEVATION (FEET): 512
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	#	#	1	#	0	#	0	0	#	#
06-08 LST	0	0	0	#	1	0	1	#	#	0	#	0	#
09-11 LST	0	0	0	0	#	#	0	0	#	0	0	0	#
12-14 LST	0	0	0	0	1	2	2	#	1	0	0	0	#
15-17 LST	0	0	0	1	2	3	4	2	0	0	0	0	1
18-20 LST	0	0	0	#	2	4	5	3	1	0	#	0	1
21-23 LST	0	0	0	#	1	1	2	2	0	#	0	#	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	2	2	6	5	7	7	5	11	9	7	3	5
06-08 LST	2	2	3	6	8	8	6	8	13	7	9	3	6
09-11 LST	2	2	3	10	7	10	11	9	13	13	11	5	8
12-14 LST	1	2	3	8	7	8	11	8	11	10	10	4	7
15-17 LST	2	2	3	8	11	8	14	7	9	13	10	5	8
18-20 LST	3	1	5	9	9	10	8	9	13	12	10	4	8
21-23 LST	2	2	4	9	9	8	9	8	11	11	10	4	7
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	30	26	14	4	#	0	0	0	0	5	18	33	11
06-08 LST	34	27	15	3	#	0	0	0	1	5	20	35	12
09-11 LST	33	35	23	6	#	0	0	0	1	7	20	33	13
12-14 LST	40	32	17	4	#	0	#	#	1	7	19	37	13
15-17 LST	32	25	14	4	0	0	0	0	#	5	19	33	11
18-20 LST	32	18	14	4	#	0	0	0	1	5	15	33	10
21-23 LST	35	27	15	3	#	0	0	0	#	5	17	34	11
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	0	0	0	0	0	0	0	#	0	0	#	#
06-08 LST	0	0	0	0	#	0	0	0	#	0	#	#	#
09-11 LST	0	0	0	#	#	0	0	0	0	0	0	0	#
12-14 LST	#	#	0	0	0	#	0	0	0	0	0	#	#
15-17 LST	#	#	0	#	0	0	0	#	#	0	#	#	#
18-20 LST	0	#	#	#	#	0	0	0	#	0	1	#	#
21-23 LST	#	#	0	#	0	#	0	#	0	#	1	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	29	19	19	13	4	3	7	5	7	16	29	35	16
06-08 LST	30	23	21	17	6	5	12	11	15	19	29	37	19
09-11 LST	39	35	31	17	6	5	8	10	20	26	35	42	23
12-14 LST	39	26	21	12	3	3	3	4	8	18	33	38	17
15-17 LST	32	18	14	8	2	2	2	2	5	14	27	36	13
18-20 LST	28	16	15	8	2	2	1	2	6	14	26	34	13
21-23 LST	27	15	13	9	3	3	4	2	6	13	26	32	13
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	13	9	8	5	3	#	1	2	3	6	13	17	7
06-08 LST	13	11	10	6	2	2	5	4	6	9	13	15	8
09-11 LST	18	15	13	7	2	1	3	2	8	13	16	15	9
12-14 LST	16	9	8	6	1	2	0	1	3	7	12	16	7
15-17 LST	11	6	5	3	#	1	#	1	2	5	10	15	5
18-20 LST	12	6	5	3	#	1	#	#	2	7	10	17	5
21-23 LST	13	8	5	4	1	1	2	1	2	5	11	16	6
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	4	4	2	2	#	#	#	1	1	2	5	4	2
06-08 LST	4	3	4	4	#	0	3	2	3	4	6	4	3
09-11 LST	5	4	5	3	#	1	1	1	2	5	5	5	3
12-14 LST	5	3	3	2	0	1	0	#	1	2	5	5	2
15-17 LST	2	2	1	2	0	#	0	1	#	1	2	6	1
18-20 LST	3	3	1	2	0	1	#	#	1	1	3	4	2
21-23 LST	4	2	1	2	#	1	1	#	1	1	4	4	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	1	#	#	0	#	0	#	#	#	#	1	#
06-08 LST	0	0	1	1	0	#	1	#	1	1	1	#	1
09-11 LST	0	0	0	#	0	#	#	#	#	1	#	#	#
12-14 LST	#	0	0	0	0	0	0	0	0	1	1	#	#
15-17 LST	1	0	#	0	0	#	0	#	#	0	0	1	#
18-20 LST	#	0	0	0	0	#	#	0	1	0	0	0	#
21-23 LST	#	#	#	#	#	#	#	0	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NAKHODKA-IN-PRIMOR, USSR
LOCATION: 42°50'N, 131°56'E
PREPARED BY: USAFETAC/BCR, JAN 1988

STATION #: 319700
ELEVATION (FEET): 397
PERIOD: 7301-8612

ICAO ID: N/A
LST - GMT +10

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)															
EXTREME MAX		*	*	*	*	*	*	*	*	*	*	*	*	*	
MEAN DLY MAX		1	17	22	35	46	55	59	68	72	64	52	36	23	46
MEAN		1	13	18	30	42	50	57	66	69	60	47	31	18	42
MEAN DLY MIN		1	7	12	25	37	46	54	63	65	54	40	26	13	37
EXTREME MIN			*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 90		1	0	0	0	0	0	#	#	0	0	0	0	#	#
# DAYS < 32		1	30	27	26	7	#	0	0	0	#	6	23	31	150
# DAYS ≤ 0		1	6	2	0	0	0	0	0	0	0	#	2	10	10
2. PRECIPITATION (INCHES)															
MAXIMUM			*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN			*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM			*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR			*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/ PRECIP		1	5	7	9	11	10	16	14	12	11	8	7	6	116
3. SNOWFALL (INCHES)															
MEAN			*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM			*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR			*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/ SNOWFALL		1	5	6	7	2	#	#	0	#	#	1	3	5	29
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)															
RH (07 LST)		1	61	63	72	80	86	92	94	90	88	73	65	62	77
RH (13 LST)		1	54	52	53	57	63	79	80	74	64	54	51	52	61
VAPOR PRESS		1	.05	.06	.11	.18	.27	.41	.57	.60	.42	.23	.11	.06	.26
DEWPOINT		1	0	5	18	31	41	52	62	63	52	34	17	5	32
5. SURFACE WINDS (16 FT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)															
PVLG DRCTN		1	NNW	NW	\$NW	\$W	\$S	\$S	\$S	\$S	\$W	\$NW	\$NW	NE	\$NW
MEAN SPEED (PVLG DRCTN)		1	11	11	11	10	8	7	6	7	7	11	11	7	9
MEAN SPEED (ALL OBS)		1	8	8	7	7	6	6	5	5	5	7	7	8	7
MAX (PK GST)			*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT			*	*	*	*	*	*	*	*	*	*	*	*	*
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)															
CLD COVER		1	2	3	4	5	5	7	6	6	4	4	3	2	4
DAYS TSMS			*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS FOG < 7			*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS BNBD < 7			*	*	*	*	*	*	*	*	*	*	*	*	*
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE
\$ - % CALM > PVLG DRCTN
- BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, SIX HOURLY, JAN 73 - DEC 86
2.
3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	11	19	25	27	63	59	43	29	21	18	12	28
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	6	11	19	34	40	71	66	52	33	23	17	8	32
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	9	8	15	23	21	50	46	37	24	22	13	7	23
15-17 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
18-20 LST	7	9	16	24	23	48	41	33	23	22	14	8	22
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	6	13	16	15	42	38	26	16	11	8	5	17
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	3	7	10	20	29	52	48	33	16	11	7	3	20
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	6	5	7	10	10	31	26	17	8	7	6	2	11
15-17 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
18-20 LST	4	7	8	13	10	26	23	15	8	7	7	4	11
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	6	8	9	25	22	12	6	6	3	2	9
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	2	5	7	15	18	37	30	18	8	7	4	2	13
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	4	4	5	3	3	15	12	7	2	4	4	1	5
15-17 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
18-20 LST	3	5	6	7	6	11	11	5	3	4	4	2	6
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	3	4	11	7	3	2	2	1	1	3
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	0	1	2	6	11	13	11	5	3	3	2	1	5
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	1	2	1	1	#	3	3	1	#	0	#	0	1
15-17 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
18-20 LST	1	#	3	2	2	1	1	1	#	2	1	#	1
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: NAGHODKA-IN-PRIMO, USSR
 LOCATION: 42°50'N, 131°56'E
 PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 319700
 ELEVATION (FEET): 397
 PERIOD: 7301-8612

ICAO ID: N/A
 LST - GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	0	1	1	1	0	0	0	#
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	0	0	#	0	0	0	0	0	#	0	0	0	#
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	0	#	0	0	0	0	0	1	#	1	0	0	#
15-17 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
18-20 LST	0	0	0	0	0	#	#	0	1	#	0	1	#
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	2	8	12	20	16	11	11	5	6	1	8
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	0	#	2	8	11	26	18	14	10	5	4	1	8
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	#	1	2	8	9	17	14	13	11	6	3	1	7
15-17 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
18-20 LST	#	1	2	10	8	14	13	6	8	6	4	1	6
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	6	10	3	0	0	#	0	0	1	3	4	3
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	4	5	5	2	#	#	0	0	0	1	4	3	2
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	7	5	6	2	0	0	0	0	0	1	2	2	2
15-17 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
18-20 LST	4	6	6	2	0	0	0	0	0	1	3	2	2
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	#	1	0	1	0	1	#	2	2	1	1
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	1	1	1	1	#	#	0	#	0	1	1	1	1
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	1	1	2	1	1	#	0	#	1	2	1	2	1
15-17 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
18-20 LST	1	1	1	1	#	1	0	1	#	1	1	1	1
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, SIX HOURLY, JAN 73 - DEC 86
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	5	8	7	24	21	12	6	6	3	2	8
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	2	5	6	14	18	34	28	18	7	6	4	2	12
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	4	4	4	3	3	13	12	7	2	4	3	1	5
15-17 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
18-20 LST	3	5	6	7	6	10	11	5	2	4	3	2	5
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	4	6	5	17	15	6	4	3	2	1	6
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	1	4	5	12	14	24	22	13	6	5	4	2	9
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	4	3	4	2	2	6	7	5	2	3	3	1	3
15-17 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
18-20 LST	2	5	5	6	4	6	7	2	2	3	2	2	4
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	3	3	4	11	8	3	2	2	1	1	3
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	0	1	3	6	11	14	12	6	3	3	2	1	5
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	1	2	1	1	#	3	3	1	1	#	1	1	1
15-17 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
18-20 LST	1	1	4	2	2	1	1	1	#	3	2	#	2
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	2	3	4	11	6	3	1	2	1	1	3
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	0	1	2	5	11	12	10	5	3	3	1	#	4
09-11 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
12-14 LST	#	1	#	#	#	3	3	1	#	0	0	0	1
15-17 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
18-20 LST	0	0	1	1	2	1	1	1	#	2	1	0	1
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NIZHNIY TAGIL, RUSSIA
 LOCATION: 5753N 6005E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 282400
 ELEVATION (FEET): 846
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	49	52	62	78	88	91	93	95	90	82	62	95
MEAN DAILY MAX	1	10	15	31	44	57	68	71	64	53	37	24	41
MEAN	1	5	9	24	37	49	60	63	57	47	33	20	35
MEAN DAILY MIN	1	-1	1	14	27	37	47	52	47	39	27	14	26
EXTREME MIN	1	-44	-39	-18	-18	10	14	32	23	14	-16	-30	-50
# DAYS GE 90	1	0	0	0	0	0	#	#	#	#	0	0	1
# DAYS LE 32	1	31	28	29	20	10	2	#	#	6	22	29	208
# DAYS LE 0	1	16	13	4	1	0	0	0	0	0	#	5	49
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	0.6	0.7	0.6	0.7	1.8	3.0	3.1	2.0	1.6	1.0	1.0	18.1
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	23	18	14	15	14	11	13	13	17	20	22	202
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	22	18	13	9	3	1	0	0	2	14	20	123
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST)	1	82	82	82	81	81	88	92	94	91	87	84	85
RH (16 LST)	1	87	71	63	89	75	70	74	82	96	83	85	77
VAPOR PRESS	1	.06	.06	.10	.15	.22	.34	.42	.37	.26	.16	.10	.19
DEWPOINT	1	1	3	15	26	35	47	53	49	40	27	15	26
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	WSW	WSW	WSW	W	\$W	\$W	\$W	\$W	\$W	W	WSW	WSW
MEAN SPEED													
(PVLG DRCTN)	1	8	7	7	7	8	7	6	7	7	7	8	7
MEAN SPEED													
(ALL OBS)	1	6	6	6	7	6	6	5	5	6	6	7	6
MAX PEAK GUST	1	27	39	*	39	*	*	*	31	27	*	29	39
PRESSURE ALT	1	1750	1700	1700	1750	1400	1250	1200	1500	1500	1400	1600	1800
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	5	5	5	5	6	6	6	5
DAYS TSTMS	1	#	#	#	#	3	8	9	4	#	#	1	26
DAYS FOG LT 7	1	8	8	7	6	4	5	9	11	7	6	5	82
DAYS BNBD LT 7	1	#	#	#	#	#	#	#	#	#	#	#	1

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(NIZHNIY TAGIL, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5X, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 62, FOR 25 YRS (PRECIPITATION
DATA FOR KUSVA, 5818N, 5945E, ELEVATION 882 FT.)

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	33	29	26	30	25	24	30	34	41	51	54	41	35
03-05 LST	36	31	29	34	34	29	37	45	45	54	51	40	39
06-08 LST	37	30	35	33	28	25	34	43	52	57	57	41	39
09-11 LST	35	26	27	34	39	32	37	44	52	57	49	42	40
12-14 LST	31	23	28	34	40	37	46	50	54	59	50	37	41
15-17 LST	31	25	24	36	39	34	38	44	52	57	52	40	39
18-20 LST	33	28	22	31	31	28	28	34	43	51	54	41	35
21-23 LST	35	31	24	26	25	26	29	29	38	50	53	43	34
ALL HOURS	34	28	27	32	33	29	35	40	47	54	52	41	38

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	15	11	14	10	9	16	15	17	24	29	17	16
03-05 LST	20	16	15	14	15	12	21	24	20	25	26	17	19
06-08 LST	22	18	24	18	14	12	17	23	27	28	31	19	21
09-11 LST	21	20	14	15	15	13	14	21	27	28	28	22	20
12-14 LST	18	14	14	15	12	11	15	16	21	27	27	17	17
15-17 LST	19	14	11	15	12	10	13	13	22	26	25	18	16
18-20 LST	20	15	8	16	11	9	10	11	19	22	25	20	15
21-23 LST	21	15	11	12	11	11	13	13	17	24	28	18	16
ALL HOURS	20	16	14	15	13	11	15	17	21	25	27	19	18

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	5	5	5	5	4	7	6	7	10	9	4	6
03-05 LST	6	7	4	6	8	6	11	11	9	10	7	5	7
06-08 LST	6	6	12	8	6	7	9	11	14	12	9	6	9
09-11 LST	8	8	5	7	7	5	5	7	10	11	12	7	7
12-14 LST	5	5	4	7	4	3	4	3	6	11	9	5	5
15-17 LST	5	5	3	5	2	4	2	3	4	11	9	5	5
18-20 LST	4	4	3	5	3	3	1	2	4	9	7	4	4
21-23 LST	5	6	2	5	5	4	4	4	7	10	9	4	6
ALL HOURS	5	6	5	6	5	4	5	6	8	11	9	5	6

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	1	#	1	1	2	#	3	1	#	1
03-05 LST	0	1	1	1	2	1	3	2	1	2	#	1	1
06-08 LST	0	1	1	1	1	#	2	3	3	2	1	#	1
09-11 LST	#	1	#	#	#	1	#	0	#	1	1	1	#
12-14 LST	#	#	1	#	#	0	1	#	1	2	1	0	#
15-17 LST	0	0	1	0	#	#	#	0	#	1	#	0	#
18-20 LST	0	#	1	#	0	0	0	#	1	1	0	0	#
21-23 LST	0	#	0	0	#	1	0	1	1	2	#	1	1
ALL HOURS	#	#	1	#	1	#	1	1	1	2	0	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NIZHENIY TAGIL, RUSSIA
 LOCATION: 5753N 6005E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 282400
 ELEVATION (FEET): 846
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	0	#	2	1	1	0	0	#	0	#
03-05 LST	0	#	#	#	#	1	1	1	0	0	#	0	#
06-08 LST	0	#	#	0	0	#	1	#	0	#	#	#	#
09-11 LST	#	#	0	#	#	1	1	1	0	#	1	0	#
12-14 LST	#	0	0	0	2	4	6	2	#	0	0	#	1
15-17 LST	0	0	0	#	3	8	11	4	1	#	#	0	2
18-20 LST	0	#	0	0	3	8	9	4	#	0	#	0	2
21-23 LST	#	0	0	#	#	4	5	2	0	0	#	#	1
ALL HOURS	#	#	#	#	1	4	4	2	#	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	5	8	7	9	9	15	9	1	1	5
03-05 LST	#	1	1	4	10	6	8	11	14	9	1	1	6
06-08 LST	#	#	2	4	8	5	7	11	12	8	2	1	5
09-11 LST	1	0	1	4	8	8	9	12	16	9	2	1	6
12-14 LST	#	0	1	5	7	9	11	11	15	7	2	#	6
15-17 LST	#	#	1	7	8	10	9	11	19	9	1	1	6
18-20 LST	0	1	1	7	8	9	9	10	17	7	2	1	6
21-23 LST	#	#	1	5	8	7	8	10	16	9	1	1	6
ALL HOURS	#	#	1	5	8	8	9	11	15	8	2	1	6

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	33	17	12	2	#	0	0	2	19	32	35	16
03-05 LST	44	35	22	12	4	#	0	0	3	19	34	36	17
06-08 LST	42	32	24	13	4	#	0	0	3	17	36	35	17
09-11 LST	42	34	18	12	5	1	0	0	3	23	37	37	18
12-14 LST	35	24	16	13	4	0	0	0	3	20	31	31	15
15-17 LST	32	24	18	11	2	0	0	#	2	18	27	27	13
18-20 LST	35	28	14	11	2	0	0	0	2	18	30	30	14
21-23 LST	39	33	16	9	2	#	0	0	2	22	34	39	16
ALL HOURS	39	30	18	12	3	#	0	#	2	19	33	34	16

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	0	0	0	#	1	#	#	#
03-05 LST	0	#	0	#	#	#	#	0	0	#	#	0	#
06-08 LST	#	0	#	0	1	0	#	0	0	0	0	#	#
09-11 LST	#	#	0	#	#	0	0	#	#	0	0	1	#
12-14 LST	1	#	0	0	0	#	0	#	0	#	0	#	#
15-17 LST	0	#	#	#	0	0	#	1	#	0	#	#	#
18-20 LST	#	#	0	#	#	#	0	0	#	#	0	1	#
21-23 LST	1	#	0	#	#	0	#	0	#	0	0	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

(NIZHNIY TAGIL, RUSSIA)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1.
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	4	4	4	4	6	4	3	9	6	3	5
03-05 LST	5	5	4	5	6	6	10	9	6	7	4	4	6
06-08 LST	5	4	8	6	5	6	7	9	11	10	6	6	7
09-11 LST	6	8	4	5	6	3	3	4	5	9	9	5	6
12-14 LST	4	4	4	6	3	2	3	2	3	9	7	4	4
15-17 LST	4	4	3	3	2	3	1	2	3	8	7	4	4
18-20 LST	4	4	3	3	2	3	1	1	2	6	4	3	3
21-23 LST	3	5	2	5	4	3	3	3	4	8	5	3	4
ALL HOURS	4	5	4	5	4	4	4	4	5	8	6	4	5

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	2	2	3	1	2	2	1	4	3	1	2
03-05 LST	1	4	2	2	4	4	7	5	3	4	2	2	3
06-08 LST	3	3	6	4	4	4	5	7	7	6	4	3	5
09-11 LST	4	6	4	4	3	3	2	2	2	6	6	4	4
12-14 LST	3	3	3	5	2	1	1	1	2	7	5	3	3
15-17 LST	3	3	3	2	1	2	1	#	2	5	4	2	2
18-20 LST	2	2	3	2	1	1	#	1	1	4	2	1	2
21-23 LST	1	3	1	2	2	2	1	1	2	4	3	1	2
ALL HOURS	2	3	3	3	3	2	2	2	2	5	4	2	3

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	1	2	1	1	2	1	3	2	#	1
03-05 LST	#	2	1	2	3	2	5	3	2	3	1	1	2
06-08 LST	1	1	3	4	3	2	3	5	5	3	1	2	3
09-11 LST	2	3	2	3	1	1	1	#	1	3	5	2	2
12-14 LST	1	2	1	3	1	#	1	#	1	4	2	2	2
15-17 LST	2	1	1	2	1	1	#	#	1	4	2	2	1
18-20 LST	1	1	1	2	#	0	0	#	1	2	1	#	1
21-23 LST	#	1	#	1	1	1	#	1	2	3	1	1	1
ALL HOURS	1	2	1	2	1	1	1	1	1	3	2	1	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	1	#	1	#	2	1	0	1
03-05 LST	0	#	1	1	1	1	2	1	#	1	#	#	1
06-08 LST	0	0	1	1	#	#	2	2	2	1	1	0	1
09-11 LST	#	#	#	0	0	#	#	0	0	1	#	#	#
12-14 LST	0	0	1	0	0	0	1	#	#	1	#	0	#
15-17 LST	0	0	#	0	#	0	#	0	#	1	#	0	#
18-20 LST	0	#	1	#	0	0	0	#	#	1	0	0	#
21-23 LST	0	#	0	0	#	#	0	#	1	2	#	1	#
ALL HOURS	#	#	#	#	#	#	1	1	1	1	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NOVOKUZNETSK, RUSSIA
LOCATION: 5344N 8712E
PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 298460
ELEVATION (FEET): 1011
PERIOD: 7301-9012

ICAO:
LST = GMT + 6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	39	41	64	75	91	95	90	82	74	57	42	95
MEAN DAILY MAX	1	10	14	27	44	60	70	74	69	59	41	24	42
MEAN	1	5	7	21	37	51	62	66	61	50	35	19	35
MEAN DAILY MIN	1	-1	0	12	27	40	51	56	51	40	28	13	27
EXTREME MIN	1	-41	-37	-19	-7	25	32	40	34	23	-8	-35	-41
# DAYS GE 90	1	0	0	0	0	#	#	1	#	0	0	0	1
# DAYS LE 32	1	31	28	31	22	6	#	0	0	3	21	29	202
# DAYS LE 0	1	18	16	5	1	0	0	0	0	#	5	13	58
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	0.9	0.6	0.6	0.9	2.1	2.8	3.8	2.7	2.0	1.6	1.2	19.5
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	0.5	0.2	0.5	0.9	1.1	1.1	1.2	0.9	1.3	0.8	0.6	1.3
# DAYS GE 0.004	1	19	16	16	15	14	11	12	12	12	19	21	187
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	18	15	15	9	2	0	0	0	1	12	18	108
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (X) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (06 LST)	1	80	82	84	80	77	82	88	91	90	86	84	84
RH (18 LST)	1	75	70	64	55	46	50	54	58	59	71	77	63
VAPOR PRESS	1	.05	.05	.09	.15	.22	.36	.43	.39	.27	.16	.10	.19
DEWPOINT	1	0	1	13	25	35	48	54	51	41	28	14	26
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$SW	\$SW	SW	SW	SW	\$SW	\$N	\$SW	\$SW	SW	SW	\$SW
MEAN SPEED													
(PVLG DRCTN)	1	16	15	13	13	12	9	7	9	10	13	14	12
MEAN SPEED													
(ALL OBS)	1	7	7	8	9	9	7	5	6	6	8	9	7
MAX PEAK GUST	1	47	54	51	52	49	0	10	39	12	35	60	62
PRESSURE ALT	1	1500	1300	1260	1620	1650	1450	1600	1580	1400	1800	1720	1800
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	5	5	5	5	5	6	6	5
DAYS TSMS	1	#	#	#	1	3	7	9	6	1	#	#	27
DAYS FOG LT 7	1	8	9	10	5	4	4	8	13	13	9	9	102
DAYS BNBD LT 7	1	#	0	0	#	#	0	0	0	#	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(NOVOKUZNETSK, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5X, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE POR JAN 73-DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 62, 7-39 YEAR PERIOD OF RECORD

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	66	60	41	26	15	8	10	14	20	41	60	62	35
03-05 LST	70	63	48	29	19	14	20	27	35	47	61	65	41
06-08 LST	70	67	55	41	33	25	29	45	47	50	63	63	49
09-11 LST	68	69	58	38	36	23	30	41	48	54	63	67	50
12-14 LST	66	62	46	32	21	15	17	24	32	46	56	62	40
15-17 LST	61	51	35	25	20	11	13	11	16	40	56	61	33
18-20 LST	61	53	30	22	15	9	8	8	11	39	54	60	31
21-23 LST	63	57	37	21	14	10	7	11	12	38	58	61	32
ALL HOURS	65	60	44	29	22	14	17	23	28	45	59	63	39

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	63	57	37	19	9	5	7	9	13	28	50	55	29
03-05 LST	68	59	44	21	12	11	16	22	27	35	52	59	35
06-08 LST	67	64	49	35	24	19	25	38	40	41	53	57	43
09-11 LST	65	67	54	27	26	17	26	33	38	44	54	63	43
12-14 LST	63	61	39	17	10	5	7	12	17	33	49	56	31
15-17 LST	57	49	29	13	7	2	4	3	6	26	44	57	25
18-20 LST	58	51	24	13	5	3	2	1	3	25	43	55	24
21-23 LST	61	53	32	13	7	4	4	3	6	24	48	54	26
ALL HOURS	63	58	38	20	13	8	11	15	19	32	49	57	32

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	52	43	19	6	3	2	3	4	5	14	32	43	19
03-05 LST	55	48	26	10	6	6	9	13	17	18	34	43	24
06-08 LST	57	53	30	18	12	11	16	28	30	25	36	44	30
09-11 LST	54	51	36	15	9	8	14	22	26	28	36	49	29
12-14 LST	52	47	23	9	2	1	1	4	8	18	31	46	20
15-17 LST	44	34	13	7	2	#	1	1	1	14	30	44	16
18-20 LST	48	34	10	6	1	1	1	#	1	13	28	40	15
21-23 LST	49	39	16	6	2	2	1	1	2	13	31	43	17
ALL HOURS	51	43	22	10	5	4	6	9	11	18	32	44	21

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	3	1	1	#	#	1	1	1	1	5	7	2
03-05 LST	10	5	2	1	1	2	3	4	6	3	6	7	4
06-08 LST	9	7	5	2	3	4	5	16	18	5	8	6	7
09-11 LST	15	13	5	1	#	0	1	4	10	6	8	10	6
12-14 LST	9	6	2	1	#	#	0	#	#	2	3	7	3
15-17 LST	6	3	1	1	#	#	0	0	0	1	3	5	2
18-20 LST	4	2	1	1	1	#	#	#	0	1	1	2	1
21-23 LST	5	2	1	#	#	#	#	#	#	1	3	4	1
ALL HOURS	8	5	2	1	1	1	1	3	4	3	5	6	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NOVOKUZNETSK, RUSSIA
 LOCATION: 5344N 8712E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 298460
 ELEVATION (FEET): 1011
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	#	3	2	2	0	0	0	#	1
03-05 LST	#	0	0	0	1	1	2	1	0	0	0	0	#
06-08 LST	0	0	0	#	#	1	1	#	#	0	0	0	#
09-11 LST	0	#	0	0	0	1	1	1	0	0	0	0	#
12-14 LST	0	0	0	0	1	2	4	2	#	0	0	0	1
15-17 LST	0	0	#	#	1	3	6	4	1	0	0	0	1
18-20 LST	0	#	#	0	1	3	7	4	#	0	#	#	1
21-23 LST	0	0	#	0	#	5	4	3	#	0	0	#	1
ALL HOURS	#	#	#	#	#	2	3	2	#	0	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	5	8	6	7	7	8	10	3	1	5
03-05 LST	1	0	#	4	10	8	5	7	11	7	3	1	5
06-08 LST	#	0	#	5	10	6	5	6	9	9	3	1	5
09-11 LST	0	0	2	5	10	8	8	7	8	9	3	1	5
12-14 LST	#	0	1	7	9	7	9	9	9	9	2	#	5
15-17 LST	#	0	1	6	7	8	8	10	10	9	3	1	5
18-20 LST	#	0	1	6	9	8	9	7	8	9	3	1	5
21-23 LST	1	#	1	5	9	7	7	6	7	8	4	1	5
ALL HOURS	#	#	1	5	9	7	7	7	9	9	3	1	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	31	28	22	10	1	0	0	0	1	18	33	30	15
03-05 LST	33	32	25	10	2	0	0	0	1	20	31	31	16
06-08 LST	33	30	22	13	4	0	0	0	1	17	35	31	16
09-11 LST	33	33	24	11	2	0	0	0	1	19	35	30	16
12-14 LST	31	26	18	12	2	0	0	0	1	19	30	31	14
15-17 LST	28	23	17	10	2	0	0	0	1	17	32	28	13
18-20 LST	27	23	17	9	1	0	0	0	0	13	27	27	12
21-23 LST	31	25	17	9	1	0	0	0	1	16	31	29	13
ALL HOURS	31	28	20	10	2	0	0	0	1	17	32	30	14

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	1	2	1	0	0	0	0	1	3	3	2
03-05 LST	4	3	2	2	1	0	0	#	#	2	4	3	2
06-08 LST	4	3	2	1	2	#	0	#	0	2	5	2	2
09-11 LST	4	3	1	3	2	0	0	#	#	1	4	1	2
12-14 LST	5	3	2	3	4	1	#	#	#	2	4	4	2
15-17 LST	3	3	2	3	4	1	1	1	1	3	3	2	2
18-20 LST	5	2	1	3	2	1	1	1	1	2	2	2	2
21-23 LST	4	3	2	2	1	#	#	#	0	2	3	2	2
ALL HOURS	4	3	2	2	2	#	#	#	#	2	3	2	2

(NOVOKUZNETSK, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE POR JAN 73-DEC 90, THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	52	43	19	5	3	2	3	4	4	14	31	43	18
03-05 LST	55	47	26	9	5	6	9	12	17	17	33	42	23
06-08 LST	56	53	30	17	11	10	15	26	29	24	34	43	29
09-11 LST	54	50	34	14	8	7	12	20	24	27	35	48	28
12-14 LST	52	47	22	8	2	1	1	3	7	17	31	45	19
15-17 LST	44	34	12	6	1	#	1	#	1	12	29	44	16
18-20 LST	48	34	9	4	1	#	1	#	1	11	28	40	15
21-23 LST	49	39	16	5	2	1	1	1	1	13	29	42	17
ALL HOURS	51	43	21	9	4	4	5	8	11	17	31	43	21

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	49	39	17	5	2	1	3	3	4	12	28	41	17
03-05 LST	52	45	24	9	4	6	8	11	15	15	30	41	22
06-08 LST	53	50	28	16	9	10	13	24	27	21	33	41	27
09-11 LST	52	50	31	12	6	6	8	17	22	24	33	46	25
12-14 LST	49	44	20	7	1	#	1	2	6	15	29	44	18
15-17 LST	41	31	11	6	1	#	#	#	1	10	28	42	14
18-20 LST	46	30	8	4	1	#	#	#	0	10	26	37	14
21-23 LST	46	36	14	5	1	1	1	1	1	11	27	40	15
ALL HOURS	49	41	19	8	3	3	4	7	10	15	29	42	19

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	9	3	2	#	#	1	1	2	3	10	18	6
03-05 LST	26	14	6	2	1	2	4	5	6	5	11	18	8
06-08 LST	26	18	9	6	3	6	7	18	21	9	13	20	13
09-11 LST	34	29	12	4	#	0	1	8	13	11	19	30	14
12-14 LST	29	21	7	2	1	#	0	1	1	7	15	27	9
15-17 LST	22	15	3	3	1	#	0	0	#	4	13	21	7
18-20 LST	21	10	2	3	1	#	#	#	0	4	7	12	5
21-23 LST	23	7	2	1	#	#	#	#	#	3	8	12	5
ALL HOURS	26	15	5	3	1	1	2	4	6	6	12	20	8

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	1	1	#	0	#	1	1	1	3	4	1
03-05 LST	4	3	1	0	#	1	2	3	4	2	5	3	2
06-08 LST	3	4	4	2	2	3	4	12	15	5	5	2	5
09-11 LST	5	5	3	1	#	0	1	3	8	5	5	3	3
12-14 LST	2	1	1	0	0	#	0	#	#	1	1	1	1
15-17 LST	#	1	#	#	#	#	0	0	0	#	1	#	#
18-20 LST	1	#	1	#	1	#	#	#	0	#	#	1	#
21-23 LST	2	#	1	#	#	#	#	#	0	1	2	2	1
ALL HOURS	2	2	1	#	1	1	1	2	3	2	3	2	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NOVOSIBIRSK/TOLMACH, RUSSIA
 LOCATION: 5502N 8255E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 296340
 ELEVATION (FEET): 532
 PERIOD: 7301-9012

ICAO: UNNN
 LST = GMT + 7

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	36	40	64	76	95	95	93	88	84	72	52	38 95
MEAN DAILY MAX	1	9	10	25	42	59	70	74	69	58	40	23	13 41
MEAN	1	3	4	19	35	51	62	66	61	50	35	18	8 34
MEAN DAILY MIN	1	-2	-3	10	26	40	52	57	51	41	29	12	2 26
EXTREME MIN	1	-41	-37	-24	-7	22	30	32	34	24	-7	-41	-47 -47
# DAYS GE 90	1	0	0	0	0	#	#	1	0	0	0	0	1
# DAYS LE 32	1	31	28	30	22	6	#	#	0	3	20	30	201
# DAYS LE 0	1	18	17	7	1	0	0	0	0	0	#	6	13 61
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	.9	.6	.7	.8	1.5	2.7	3.5	2.7	2.0	1.3	1.7	1.1 19.5
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	21	17	16	14	14	11	11	11	13	19	22	22 191
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	20	16	14	9	2	#	0	#	1	11	20	21 114
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (07 LST)	1	82	82	85	79	75	79	87	90	87	85	84	82 83
RH (16 LST)	1	77	73	67	53	44	48	52	54	66	76	79	62
VAPOR PRESS	1	.05	.05	.09	.14	.21	.36	.45	.39	.27	.16	.10	.06 .20
DEWPOINT	1	0	0	12	24	34	48	55	51	41	28	13	3 26
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	S	SSW	SSW	SW	S	N	N	N	S	SSW	SSW	S SSW
MEAN SPEED													
(PVLG DRCTN)	1	12	11	10	10	10	8	7	6	9	11	12	12 10
MEAN SPEED													
(ALL OBS)	1	10	9	9	9	8	7	6	6	7	9	10	10 8
MAX PEAK GUST	1	41	41	47	43	39	19	16	0	49	27	35	37 49
PRESSURE ALT	1	1200	1150	1200	1410	1300	1350	1150	1400	1520	1260	1300	1120 1520
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	5	5	5	5	5	5	5	6	6	6	5
DAYS TSTMS	1	#	#	#	#	2	5	8	5	1	#	#	# 23
DAYS FOG LT 7	1	6	6	10	6	3	3	6	9	8	7	6	7 76
DAYS BNBD LT 7	1	#	0	#	#	#	#	#	0	0	#	#	# 1
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

(NOVOSIBIRSK, RUSSIA)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5X, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 62, 54 YEARS OF RECORD.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	47	34	28	20	13	7	7	9	14	34	50	46	26
03-05 LST	45	35	33	20	14	10	11	14	18	38	52	47	28
06-08 LST	51	43	40	27	19	11	14	23	28	39	53	53	33
09-11 LST	64	61	47	28	18	13	11	20	27	46	59	64	38
12-14 LST	55	46	38	23	16	12	12	20	21	43	51	52	32
15-17 LST	46	32	27	20	13	7	7	11	17	37	47	46	26
18-20 LST	50	37	24	19	9	6	6	8	12	39	48	47	25
21-23 LST	48	32	27	19	8	5	5	9	11	34	49	47	25
ALL HOURS	51	40	33	22	14	9	9	14	18	39	51	50	29

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	43	28	22	13	6	4	4	6	7	22	37	38	19
03-05 LST	41	32	27	14	9	7	8	11	13	26	40	38	22
06-08 LST	47	39	34	20	13	9	11	20	22	28	43	41	27
09-11 LST	58	60	45	23	10	7	7	16	22	37	49	56	32
12-14 LST	52	43	31	13	5	3	4	9	9	27	42	47	24
15-17 LST	42	29	18	11	6	2	2	4	6	21	35	40	18
18-20 LST	46	34	16	10	3	3	2	4	5	24	34	40	18
21-23 LST	42	28	22	13	3	3	3	5	6	20	37	40	19
ALL HOURS	46	37	27	15	7	5	5	9	11	26	40	42	22

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	17	13	8	3	2	2	4	4	13	25	23	12
03-05 LST	27	19	17	9	5	5	5	8	9	16	24	25	14
06-08 LST	33	24	22	14	8	7	9	18	16	20	31	27	19
09-11 LST	47	47	34	17	5	5	5	13	13	27	40	42	25
12-14 LST	38	30	16	7	3	2	2	6	5	17	30	35	16
15-17 LST	29	17	10	7	3	2	1	2	3	13	23	26	11
18-20 LST	31	23	11	7	2	1	#	2	3	16	23	25	12
21-23 LST	24	16	12	9	2	2	1	3	3	14	23	24	11
ALL HOURS	32	24	17	10	4	3	3	7	7	17	27	29	15

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	1	#	1	1	#	#	1	2	1	1
03-05 LST	1	0	1	1	1	1	1	2	2	2	1	2	1
06-08 LST	1	1	2	1	1	1	2	6	4	1	3	1	2
09-11 LST	5	6	2	1	0	1	#	2	2	4	5	3	3
12-14 LST	4	2	#	#	0	0	#	#	#	1	2	3	1
15-17 LST	3	1	#	1	#	#	#	0	0	1	1	2	1
18-20 LST	1	1	1	1	#	#	#	1	#	1	1	#	1
21-23 LST	1	#	0	1	0	0	#	#	#	1	1	1	1
ALL HOURS	2	1	1	1	#	1	1	1	1	2	2	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NOVOSIBIRSK/TOLMACH, RUSSIA
 LOCATION: 5502N 8255E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 296340
 ELEVATION (FEET): 532
 PERIOD: 7301-9012

ICAO: UNNN
 LST = GMT + 7

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	1	1	2	1	#	#	#	0	1
03-05 LST	0	0	0	0	0	2	1	1	#	0	0	#	#
06-08 LST	#	#	0	#	0	1	1	1	#	0	#	#	#
09-11 LST	0	#	0	0	0	#	1	#	0	0	0	0	#
12-14 LST	#	0	0	0	#	1	2	1	0	0	0	0	#
15-17 LST	0	0	0	#	1	1	4	2	0	0	0	#	1
18-20 LST	#	#	0	0	1	3	7	2	#	0	#	0	1
21-23 LST	0	#	0	0	#	2	2	2	0	0	#	#	1
ALL HOURS	#	#	0	#	#	1	3	1	#	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	1	6	8	6	6	4	8	8	2	1	4
03-05 LST	#	#	1	4	7	7	6	4	8	9	2	1	4
06-08 LST	1	#	1	4	7	8	6	7	8	8	2	1	4
09-11 LST	1	#	2	3	9	5	7	8	8	8	4	#	5
12-14 LST	#	#	1	4	10	9	6	9	9	10	3	#	5
15-17 LST	1	1	#	4	11	7	6	8	12	10	3	1	5
18-20 LST	0	#	#	8	9	8	9	8	9	9	2	1	5
21-23 LST	#	#	#	7	7	6	5	7	8	9	3	1	4
ALL HOURS	#	#	1	5	9	7	6	7	9	9	3	1	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	25	21	9	2	0	0	0	1	14	35	35	15
03-05 LST	35	30	25	11	2	0	0	0	1	16	37	37	16
06-08 LST	40	35	25	11	3	#	0	#	1	17	37	41	17
09-11 LST	33	32	20	11	2	0	0	0	1	18	37	37	16
12-14 LST	29	25	18	8	3	0	0	0	1	18	36	32	14
15-17 LST	27	24	16	8	1	0	0	0	1	19	30	31	13
18-20 LST	29	20	18	7	1	0	0	0	1	15	30	30	13
21-23 LST	36	27	19	9	1	0	0	0	1	16	34	33	15
ALL HOURS	33	27	20	9	2	#	0	#	1	17	35	34	15

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	1	#	1	1	0	0	1	2	3	3	1
03-05 LST	3	2	1	#	0	0	#	0	0	1	4	3	1
06-08 LST	3	2	1	1	1	0	0	0	0	#	2	2	1
09-11 LST	2	3	1	1	1	0	0	1	0	1	3	1	1
12-14 LST	2	2	1	1	2	#	#	1	1	2	3	2	2
15-17 LST	3	2	2	2	3	1	#	1	1	2	3	2	2
18-20 LST	2	2	1	2	1	1	1	#	#	1	2	2	1
21-23 LST	3	1	1	0	1	1	#	#	#	1	2	3	1
ALL HOURS	3	2	1	1	1	#	#	#	0	1	3	2	1

(NOVOSIBIRSK, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 62, 54 YEARS OF RECORD.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	15	11	7	2	2	2	3	4	12	20	20	10
03-05 LST	24	16	15	8	4	5	4	8	8	14	22	22	12
06-08 LST	28	22	20	13	7	6	9	17	15	18	28	23	17
09-11 LST	44	45	33	15	5	5	4	12	12	24	36	38	23
12-14 LST	37	30	14	6	3	1	2	4	4	15	27	33	15
15-17 LST	28	16	9	6	2	1	1	2	2	11	20	25	10
18-20 LST	30	23	10	6	1	1	#	1	3	13	20	23	11
21-23 LST	22	16	11	8	1	1	1	3	3	12	18	21	10
ALL HOURS	29	23	15	9	3	3	3	6	6	15	24	26	13

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	4	5	5	1	1	1	1	2	6	12	11	5
03-05 LST	12	7	7	4	2	2	1	5	5	7	10	11	6
06-08 LST	13	10	9	7	3	2	5	12	11	9	12	13	9
09-11 LST	29	31	23	7	2	3	2	7	6	15	25	23	14
12-14 LST	24	18	6	4	1	#	1	2	2	9	14	21	8
15-17 LST	19	9	5	3	2	1	#	1	1	7	11	15	6
18-20 LST	15	14	6	4	1	1	#	1	1	7	12	13	6
21-23 LST	11	7	4	5	1	0	#	1	1	5	10	10	5
ALL HOURS	17	13	8	5	1	1	2	4	4	8	13	15	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	2	2	3	#	1	1	#	1	3	5	6	2
03-05 LST	6	3	3	2	2	2	1	3	4	4	5	6	3
06-08 LST	6	6	5	3	1	2	3	9	7	4	6	6	5
09-11 LST	15	16	13	3	0	1	#	4	4	9	13	14	8
12-14 LST	15	10	3	2	#	0	#	#	1	4	7	12	4
15-17 LST	10	5	3	2	#	#	#	#	0	4	5	9	3
18-20 LST	7	7	2	3	#	#	#	1	#	5	4	6	3
21-23 LST	6	3	1	2	#	0	#	#	1	3	6	5	2
ALL HOURS	9	7	4	2	1	1	1	2	2	4	6	8	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	#	0	#	#	1	#	0	1	1	#	#
03-05 LST	0	0	1	1	1	1	#	1	1	1	#	#	1
06-08 LST	1	#	1	#	1	1	1	3	3	1	1	#	1
09-11 LST	#	1	1	1	0	#	#	2	2	2	#	#	1
12-14 LST	1	0	#	0	0	0	#	0	0	1	1	1	#
15-17 LST	#	0	0	#	#	#	#	0	0	#	1	1	#
18-20 LST	#	#	#	1	#	0	#	#	#	1	#	0	#
21-23 LST	0	0	0	#	0	0	0	0	#	#	#	1	#
ALL HOURS	#	#	#	#	#	#	#	1	1	1	1	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: OMSK-IN-OM, USSR
LOCATION: 5456N 7325E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 286980
ELEVATION (FEET): 308
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	36	36	44	88	94	100	98	92	86	72	50	38 100
MEAN DAILY MAX	1	7	9	24	47	62	74	76	71	60	42	24	13 42
MEAN	1	2	2	18	40	53	65	67	62	52	36	19	7 35
MEAN DAILY MIN	1	-4	-5	9	30	40	53	56	51	42	28	12	0 26
EXTREME MIN	1	-40	-36	-19	-6	18	28	40	32	21	-2	-32	-42 -42
# DAYS GE 90	1	0	0	0	0	1	3	1	1	0	0	0	0 6
# DAYS LE 32	1	31	28	31	17	6	#	0	#	3	22	30	31 199
# DAYS LE 0	1	20	19	8	1	0	0	0	0	0	#	6	14 68
2. PRECIPITATION (INCHES)													
MAXIMUM	2	1.4	0.9	1.1	2.3	3.5	5.3	7.8	4.8	4.3	2.2	2.0	1.1 20.6
MEAN	2	0.4	0.3	0.4	0.8	1.2	2.0	2.7	1.8	1.3	0.9	0.7	0.5 13.0
MINIMUM	2	0.2	0.0	0.0	0.0	0.1	0.1	0.8	0.2	0.2	0.0	0.2	0.1 8.3
MAX 24 HR	2	0.4	0.3	0.5	0.9	1.1	1.7	3.0	2.2	1.3	1.0	0.5	0.3 3.0
# DAYS GE 0.004	1	14	10	7	6	6	7	7	8	10	12	13	107
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN		#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	10	8	5	2	0	0	0	0	4	9	9	47
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (3 LST)	1	79	78	83	81	70	76	84	86	83	84	85	81 81
RH (12 LST)	1	76	70	70	52	36	40	46	46	50	62	77	75 58
VAPOR PRESS	1	.05	.05	.09	.17	.21	.35	.42	.36	.26	.16	.10	.06 .19
DEWPOINT	1	-2	-3	12	28	33	47	53	49	40	28	14	2 25
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	S	S	W	W	W	W	W	W	W	SW	SW	S W
MEAN SPEED													
(PVLG DRCTN)	1	9	10	10	11	12	11	9	10	11	11	12	10 11
MEAN SPEED													
(ALL OBS)	1	9	9	10	10	12	11	8	9	10	11	11	9 10
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1050	1000	1000	1200	1050	950	1200	1100	1050	1100	1200	1050 1200
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	5	5	5	5	5	6	6	5 5
DAYS TSTMS	1	#	#	#	1	2	7	8	4	1	#	#	# 23
DAYS FOG LT 7	1	20	17	19	12	6	7	10	13	12	13	17	19 165
DAYS BNBD LT 7	1	#	#	#	#	1	#	#	#	#	#	#	# 3
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN													

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE
 \$ = \$ CALM GT PVLGN DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	70	64	60	47	38	39	43	46	55	60	71	68	55
06-08 LST	71	70	63	34	21	24	28	30	43	52	70	68	48
09-11 LST	72	66	55	38	35	34	38	43	48	64	70	69	53
12-14 LST	58	48	45	33	32	25	28	34	47	55	63	59	44
15-17 LST	65	52	47	34	30	32	31	33	43	57	65	64	46
18-20 LST	68	60	54	40	35	33	32	35	49	60	69	67	50
21-23 LST	66	61	55	42	37	39	39	39	48	59	70	65	52
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	65	61	54	43	34	37	41	43	52	55	63	62	51
06-08 LST	65	67	60	32	14	21	25	23	39	45	65	63	43
09-11 LST	70	64	52	32	29	29	31	35	42	54	66	65	48
12-14 LST	56	46	41	25	26	20	21	27	39	47	58	55	39
15-17 LST	61	51	42	28	27	29	26	30	39	50	59	59	42
18-20 LST	64	58	50	36	32	31	29	33	45	52	61	61	46
21-23 LST	62	59	50	38	34	36	35	37	45	51	62	60	47
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	44	35	33	18	8	7	12	15	18	20	37	36	24
06-08 LST	47	46	42	18	5	5	9	7	16	26	43	40	25
09-11 LST	48	39	28	9	4	2	4	7	8	17	37	41	20
12-14 LST	30	20	13	5	3	2	3	4	5	11	27	27	13
15-17 LST	39	21	14	7	1	2	2	4	4	12	30	29	14
18-20 LST	40	30	22	11	5	3	2	3	11	17	34	32	18
21-23 LST	39	32	28	11	5	4	5	7	11	15	34	33	19
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	4	3	8	4	#	0	1	3	4	4	4	4	3
06-08 LST	7	7	4	2	0	1	0	1	5	4	5	7	4
09-11 LST	4	3	2	#	0	1	#	#	#	2	1	4	2
12-14 LST	2	2	0	1	0	0	0	#	0	1	2	3	1
15-17 LST	3	1	1	1	0	0	#	#	#	1	3	3	1
18-20 LST	2	2	2	1	#	1	0	0	1	2	4	4	2
21-23 LST	4	3	5	1	#	#	1	1	1	2	4	5	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: OMSK-IN-OM, USSR
LOCATION: 5456N 7325E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 286980
ELEVATION (FEET): 308
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	#	0	0	2	1	0	#	0	0	#
06-08 LST	#	0	1	0	0	0	1	0	0	0	0	0	#
09-11 LST	0	#	0	0	0	1	1	0	#	0	0	0	#
12-14 LST	0	0	0	1	1	4	3	1	1	0	#	#	1
15-17 LST	#	0	0	#	1	4	4	1	#	0	#	#	1
18-20 LST	#	0	0	0	2	4	2	2	0	0	#	1	1
21-23 LST	0	0	0	0	#	2	3	1	0	#	0	#	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	1	1	5	7	7	6	8	7	6	3	1	5
06-08 LST	1	0	2	7	6	7	6	9	8	6	2	1	5
09-11 LST	1	1	#	4	7	8	6	6	9	9	1	1	5
12-14 LST	1	0	1	5	5	10	6	7	9	7	2	1	4
15-17 LST	1	0	1	7	8	9	8	7	12	9	2	1	5
18-20 LST	1	#	1	4	11	7	5	7	10	7	4	#	5
21-23 LST	1	1	1	5	6	7	7	8	10	6	4	1	5
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	43	39	19	6	1	0	0	0	#	14	32	40	16
06-08 LST	35	24	22	5	2	0	0	0	1	15	23	26	13
09-11 LST	28	21	10	3	2	0	0	0	2	11	29	28	11
12-14 LST	20	12	9	4	1	0	0	0	1	8	21	21	8
15-17 LST	20	14	8	5	#	#	0	0	1	10	18	20	8
18-20 LST	29	23	13	4	1	0	0	0	1	11	22	29	11
21-23 LST	38	31	14	6	1	#	0	#	1	12	26	33	14
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	2	#	1	1	0	#	#	#	1	#	1	1
06-08 LST	0	2	1	3	2	1	0	0	1	1	2	1	1
09-11 LST	1	1	0	3	4	1	#	1	#	1	1	1	1
12-14 LST	2	1	1	5	4	2	#	2	2	2	2	3	2
15-17 LST	1	1	#	3	3	#	#	#	2	#	3	1	1
18-20 LST	1	1	1	1	1	1	0	1	1	1	2	1	1
21-23 LST	#	#	1	1	#	1	#	0	#	1	1	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE 0 = 0.0 LT 0.5, MI = STATUTE MILES
 † = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	40	35	32	18	8	6	11	13	16	18	32	32	22
06-08 LST	47	44	40	17	4	3	6	7	16	25	39	37	24
09-11 LST	48	38	25	7	4	2	4	6	6	15	32	39	19
12-14 LST	29	20	12	5	3	2	2	3	3	10	24	25	11
15-17 LST	36	20	12	6	1	1	1	3	3	10	26	27	12
18-20 LST	38	29	20	10	4	3	2	2	10	16	30	30	16
21-23 LST	37	31	27	10	4	4	5	7	10	13	29	31	17
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	27	24	24	12	6	4	7	8	10	13	20	21	15
06-08 LST	33	31	27	9	1	1	3	4	8	16	25	26	15
09-11 LST	33	26	18	4	2	1	2	4	3	9	21	25	12
12-14 LST	18	14	8	3	1	1	1	3	1	6	14	17	7
15-17 LST	21	13	7	4	1	1	1	2	2	7	18	17	8
18-20 LST	27	19	14	6	3	2	1	2	5	11	20	21	11
21-23 LST	26	22	20	8	3	2	3	4	5	9	19	22	12
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	14	10	13	8	1	1	2	5	8	6	9	10	7
06-08 LST	21	18	16	6	0	1	0	1	6	8	13	14	9
09-11 LST	16	13	6	2	0	1	1	0	1	3	9	12	5
12-14 LST	6	5	3	2	0	0	1	0	0	3	7	9	3
15-17 LST	9	5	3	2	0	0	0	0	0	3	7	8	3
18-20 LST	10	6	5	2	0	1	0	0	1	4	9	10	4
21-23 LST	11	9	10	3	1	1	1	1	1	5	9	12	5
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	2	2	5	3	0	0	1	2	3	3	2	1	2
06-08 LST	4	1	2	2	0	0	0	1	3	2	2	2	2
09-11 LST	2	2	1	0	0	0	0	0	0	1	1	2	1
12-14 LST	1	1	0	0	0	0	0	0	0	1	1	2	0
15-17 LST	1	1	0	0	0	0	0	0	0	0	1	1	0
18-20 LST	1	1	1	0	0	1	0	0	1	1	2	2	1
21-23 LST	2	1	3	1	0	0	1	1	0	2	1	2	1
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ORENBURG, RA
LOCATION: 5145N 5507E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 351210
ELEVATION (FEET): 358
PERIOD: 7301-8612

ICAO:
LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	46	47	64	84	90	99	109	104	95	86	79	46 109
MEAN DAILY MAX	1	14	14	28	53	71	77	81	77	66	46	30	21 48
MEAN	1	9	8	22	45	60	68	72	67	57	40	26	16 41
MEAN DAILY MIN	1	2	0	14	35	48	56	60	56	46	32	21	10 32
EXTREME MIN	1	-34	-35	-23	12	28	36	42	32	26	0	-16	-32 -35
# DAYS GE 90	1	0	0	0	0	#	3	6	4	#	0	0	0 13
# DAYS LE 32	1	31	28	30	11	1	0	0	#	2	15	27	31 176
# DAYS LE 0	1	15	15	5	0	0	0	0	0	#	1	8	44
2. PRECIPITATION (INCHES)													
MAXIMUM	2	2.4	2.2	2.1	4.1	5.0	4.9	4.9	5.4	3.6	3.1	2.9	2.8 28.8
MEAN	2	1.4	0.9	0.8	0.9	1.5	1.7	1.5	1.3	1.0	1.3	1.7	1.5 15.5
MINIMUM	2	0.1	#	#	0.0	0.3	0.5	0.5	0.0	0.1	#	0.2	0.1 9.4
MAX 24 HR	2	0.6	0.6	0.8	1.3	1.2	1.4	1.4	1.1	0.7	0.9	0.8	1.2 1.4
# DAYS GE 0.004	1	12	9	7	4	4	5	5	5	9	11	12	88
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN	1	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	1	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	11	8	5	1	0	0	0	0	#	3	7	10 45
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST)	1	81	82	86	79	65	74	75	73	74	82	86	82 78
RH (17 LST)	1	77	73	73	49	33	38	38	39	43	62	80	79 57
VAPOR PRESS	1	.06	.06	.11	.20	.25	.37	.42	.37	.27	.19	.13	.09 .21
DEWPOINT	1	4	3	17	32	38	49	53	49	41	31	21	11 29
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCN	1	E	E	E	E	E	W	W	W	WSW	WSW	WSW	E E
MEAN SPEED													
(PVLG DRCN)	1	10	9	10	10	11	9	9	9	11	11	11	9 10
MEAN SPEED													
(ALL OBS)	1	9	9	9	9	9	9	8	8	9	9	9	10 9
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1300	1300	1200	1100	850	1250	1500	1250	1100	1150	1000	1150 1500
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (ENBD)													
CLD COVER	1	5	5	5	4	4	5	4	4	4	6	6	6 5
DAYS TSTMS	1	#	#	0	#	2	7	7	5	1	#	0	# 22
DAYS FOG LT 7	1	15	15	19	12	2	4	5	5	7	10	14	14 120
DAYS ENBD LT 7	1	#	#	0	#	#	#	#	#	#	#	#	# 2

SOURCE NO. JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, PERIOD OF RECORD 17-60 YRS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	44	42	41	21	6	12	9	9	15	34	53	55	28
03-05 LST	43	46	47	26	11	25	21	12	15	35	59	52	33
06-08 LST	46	48	62	45	15	23	24	28	36	53	61	54	41
09-11 LST	59	65	58	31	14	19	14	16	32	46	71	62	41
12-14 LST	53	50	47	27	21	24	25	19	29	47	61	57	39
15-17 LST	50	46	44	31	19	26	25	18	26	39	58	57	37
18-20 LST	43	37	46	27	15	20	18	19	22	40	55	49	33
21-23 LST	41	36	38	19	9	17	14	9	16	31	54	51	28
ALL HOURS	47	46	48	28	14	21	19	16	24	41	59	55	35

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	37	36	32	13	2	2	1	2	6	20	41	45	20
03-05 LST	38	41	41	19	4	13	10	4	7	20	49	43	24
06-08 LST	41	43	57	39	10	12	16	19	28	39	49	46	33
09-11 LST	57	63	55	25	5	5	4	7	19	33	64	58	33
12-14 LST	51	49	42	14	5	4	2	4	10	26	52	52	26
15-17 LST	48	43	39	15	5	3	3	3	7	19	47	51	24
18-20 LST	35	34	40	17	3	4	2	4	9	20	42	41	21
21-23 LST	35	31	33	12	3	3	3	3	6	18	40	42	19
ALL HOURS	43	42	42	19	5	6	5	6	12	24	48	47	25

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	18	19	5	1	#	0	1	2	11	25	30	11
03-05 LST	21	20	24	8	1	1	1	1	2	10	31	30	13
06-08 LST	22	23	29	14	2	2	3	3	6	16	33	28	15
09-11 LST	29	29	25	9	1	1	1	#	5	14	41	33	16
12-14 LST	22	20	18	5	1	2	1	1	3	11	33	28	12
15-17 LST	21	15	12	5	1	2	#	1	1	7	28	29	10
18-20 LST	18	16	13	6	1	1	1	1	2	9	28	28	10
21-23 LST	18	14	15	5	2	1	1	1	#	9	27	27	10
ALL HOURS	22	19	19	7	1	1	1	1	3	11	31	29	12

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	5	1	0	0	0	1	1	2	5	4	2
03-05 LST	3	1	8	3	#	0	#	1	0	3	5	4	2
06-08 LST	3	2	11	4	0	1	1	1	1	4	6	4	3
09-11 LST	3	4		2	0	#	#	0	0	1	6	4	2
12-14 LST	2	1		1	#	1	0	1	#	1	5	4	1
15-17 LST	2	1	#	1	0	#	0	0	#	#	4	4	1
18-20 LST	2	1	2	1	0	1	#	1	#	1	5	2	1
21-23 LST	2	1	2	#	0	#	#	1	0	1	6	3	1
ALL HOURS	2	2	4	2	#	#	#	1	#	2	5	4	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ORENBURG, RA
LOCATION: 5145N 5507E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 351210
ELEVATION (FEET): 358
PERIOD: 7301-8612

ICAO:
LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	#	#	2	3	#	#	0	0	#	1
03-05 LST	0	0	0	#	#	1	1	1	0	0	0	0	#
06-08 LST	#	0	0	0	0	0	1	1	#	#	0	0	#
09-11 LST	0	#	0	0	0	1	1	0	0	0	0	0	#
12-14 LST	0	0	0	0	1	2	3	1	#	0	0	0	1
15-17 LST	0	0	0	#	3	4	5	2	1	0	0	0	1
18-20 LST	0	#	0	0	2	4	4	3	1	0	0	0	1
21-23 LST	0	0	0	0	1	3	4	2	#	0	0	0	1
ALL HOURS	#	#	0	#	1	2	3	1	#	#	0	#	1

2. % FREQ RAIN AND/OR DRIZZLE: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	5	2	6	4	3	6	9	8	1	4
03-05 LST	2	2	2	4	3	4	3	4	7	9	5	1	4
06-08 LST	2	2	2	4	3	3	2	4	8	7	8	3	4
09-11 LST	1	1	2	3	5	6	3	4	7	7	8	3	4
12-14 LST	1	1	2	4	4	6	4	4	8	8	5	3	4
15-17 LST	1	#	2	5	5	5	5	6	6	7	3	2	4
18-20 LST	2	#	1	5	6	5	4	5	8	10	5	3	5
21-23 LST	1	1	2	4	5	4	5	5	7	11	7	4	4
ALL HOURS	1	1	2	4	4	5	4	4	7	9	6	3	4

3. % FREQ SNOW AND/OR ICE PELLETS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	19	12	2	0	0	0	0	0	4	12	22	8
03-05 LST	24	20	13	2	0	0	0	0	#	4	16	22	8
06-08 LST	27	24	13	3	0	0	0	0	1	5	16	23	9
09-11 LST	28	25	13	1	0	0	0	0	#	8	19	29	10
12-14 LST	22	15	9	2	0	0	0	0	0	7	15	23	8
15-17 LST	21	16	8	2	0	0	0	0	0	5	17	24	8
18-20 LST	19	16	7	2	0	0	0	0	#	5	12	20	7
21-23 LST	24	18	10	1	0	0	0	0	0	5	11	18	7
ALL HOURS	23	19	11	2	0	0	0	0	#	5	15	23	8

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS): (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	1	1	1	0	#	#	1	1	2	1
03-05 LST	3	1	1	2	#	0	#	#	#	2	1	2	1
06-08 LST	2	2	1	1	1	1	#	0	1	1	1	1	1
09-11 LST	1	1	2	#	2	1	#	0	#	1	1	3	1
12-14 LST	3	1	1	3	2	1	1	1	1	1	2	3	2
15-17 LST	3	2	1	2	2	2	1	1	1	#	1	3	2
18-20 LST	2	1	1	1	1	#	#	1	1	1	1	1	1
21-23 LST	3	3	1	1	#	#	#	0	#	1	#	1	1
ALL HOURS	2	2	1	1	1	1	#	#	1	1	1	2	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	14	15	3	0	#	#	1	1	7	19	22	8
03-05 LST	14	15	19	7	1	1	1	1	1	7	23	21	9
06-08 LST	15	18	26	12	1	2	3	3	4	11	27	21	12
09-11 LST	24	25	23	7	1	1	1	#	3	10	34	27	13
12-14 LST	19	18	15	5	#	1	#	1	1	8	25	20	10
15-17 LST	15	13	10	4	1	1	#	#	#	5	23	22	8
18-20 LST	12	11	10	4	1	1	#	1	2	5	23	20	7
21-23 LST	13	11	11	4	#	1	1	1	#	4	21	20	7
ALL HOURS	16	16	16	6	1	1	1	1	2	7	24	22	9

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	9	9	3	#	0	0	1	1	4	11	10	5
03-05 LST	7	9	14	5	#	1	1	1	1	4	13	12	6
06-08 LST	6	13	23	11	1	1	3	3	4	8	16	11	8
09-11 LST	18	22	20	7	1	1	#	0	2	8	24	17	10
12-14 LST	15	15	11	4	#	1	#	1	1	6	18	13	7
15-17 LST	12	10	6	3	#	1	#	#	#	3	15	14	5
18-20 LST	6	7	8	3	1	1	#	1	1	4	13	13	5
21-23 LST	7	7	8	2	0	1	1	1	0	3	12	11	4
ALL HOURS	10	11	12	5	#	1	1	1	1	5	15	13	6

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	5	6	2	0	0	0	1	1	3	8	8	3
03-05 LST	5	6	11	4	#	0	#	1	1	4	8	7	4
06-08 LST	5	9	18	7	#	1	1	2	2	5	9	6	5
09-11 LST	8	10	9	4	#	#	#	0	1	4	12	9	5
12-14 LST	7	5	3	2	#	1	0	1	#	2	10	8	3
15-17 LST	4	4	1	2	0	#	0	#	#	1	8	7	2
18-20 LST	3	4	3	1	0	1	#	1	#	2	10	8	3
21-23 LST	4	4	4	1	0	1	#	1	0	2	9	7	3
ALL HOURS	5	6	7	3	#	#	#	1	1	3	9	7	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	3	1	0	0	0	1	1	2	4	2	1
03-05 LST	2	1	6	2	#	0	#	#	0	2	4	2	2
06-08 LST	2	2	10	3	0	1	#	1	1	3	4	2	2
09-11 LST	2	2	3	2	0	#	#	0	0	1	5	3	2
12-14 LST	1	1	1	1	#	#	0	0	0	1	4	2	1
15-17 LST	1	1	#	#	0	#	0	0	0	0	3	2	1
18-20 LST	2	1	2	1	0	1	#	1	0	0	3	1	1
21-23 LST	1	1	1	#	0	0	#	1	0	1	4	2	1
ALL HOURS	2	1	3	1	#	#	#	2	#	1	4	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PENZA, RS
LOCATION: 5308N 4502E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 279620
ELEVATION (FEET): 571
PERIOD: 7301-8612

ICAO: UWPP
LST = GMT + 4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	38	41	60	79	88	95	97	92	90	73	54	46	97
MEAN DAILY MAX	1	18	18	30	51	67	71	74	72	61	45	31	23	47
MEAN	1	13	12	24	44	58	63	66	63	53	39	28	19	40
MEAN DAILY MIN	1	6	5	17	35	46	52	55	53	43	33	24	13	32
EXTREME MIN	1	-35	-39	-19	12	27	34	38	32	23	7	-16	-39	-39
# DAYS GE 90	1	0	0	0	0	0	1	1	1	#	0	0	0	3
# DAYS LE 32	1	31	28	29	12	1	#	#	#	2	15	25	30	173
# DAYS LE 0	1	11	12	3	0	0	0	0	0	0	0	#	6	32
2. PRECIPITATION (INCHES)														
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	2	1.3	0.9	0.9	1.2	1.8	2.2	2.2	2.0	1.9	1.7	1.6	1.4	19.1
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	2	0.9	0.6	1.0	1.2	1.7	1.3	3.0	1.9	2.4	1.4	1.0	0.9	3.0
# DAYS GE 0.004	1	17	12	9	7	6	8	7	6	6	11	15	17	121
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	15	10	7	2	#	0	0	0	#	3	9	14	60
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (7 LST)	1	83	83	87	82	75	81	86	87	87	87	88	84	84
RH (16 LST)	1	80	75	72	54	43	49	53	50	53	68	83	82	63
VAPOR PRESS	1	.08	.08	.12	.20	.28	.38	.45	.40	.29	.20	.15	.10	.23
DEWPOINT	1	9	7	19	33	41	50	55	51	43	33	25	15	32
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCN	1	SW	\$SW	\$SW	\$S	\$S	\$SW	\$SW	\$SSW	\$SW	SW	SW	SW	\$SW
MEAN SPEED														
(PVLG DRCN)	1	12	11	10	12	10	9	8	8	10	11	12	13	11
MEAN SPEED														
(ALL OBS)	1	10	9	9	9	8	7	7	6	8	9	10	11	9
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1800	1700	1650	1450	1150	1300	1300	1450	1250	1600	1500	1500	1800
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (ENBD)														
CLD COVER	1	6	5	5	5	5	5	5	4	5	6	7	7	5
DAYS TSMS	1	#	#	0	1	5	9	10	6	1	#	#	#	31
DAYS FOG LT 7	1	18	17	19	13	5	5	8	10	11	13	18	18	155
DAYS ENBD LT 7	1	#	0	0	0	0	0	0	0	0	#	0	0	0

REMARKS: # = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 * = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73- DEC 86, THREE HOURLY

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	70	62	47	23	8	10	9	9	19	43	74	73	37
03-05 LST	73	65	55	27	14	15	15	13	27	48	75	75	42
06-08 LST	70	70	61	40	19	19	25	29	41	55	80	74	49
09-11 LST	73	76	62	37	18	17	20	24	41	58	79	74	48
12-14 LST	69	63	51	28	12	12	14	15	30	58	79	70	42
15-17 LST	63	55	43	23	10	8	8	10	17	42	74	69	35
18-20 LST	63	58	39	20	10	7	7	8	16	43	71	69	34
21-23 LST	67	58	43	21	12	7	8	9	16	38	72	71	35
ALL HOURS	69	63	50	27	13	12	13	15	26	48	75	72	40

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	63	55	37	16	6	5	6	7	14	29	61	62	30
03-05 LST	66	58	46	23	11	12	14	11	22	34	63	67	36
06-08 LST	65	63	51	35	17	16	22	27	36	40	69	66	42
09-11 LST	70	70	57	34	12	10	14	21	36	46	71	66	42
12-14 LST	64	59	44	20	6	5	7	8	16	39	69	63	33
15-17 LST	58	49	34	13	4	3	4	5	9	25	62	62	27
18-20 LST	55	52	30	16	6	2	3	5	10	27	58	59	27
21-23 LST	60	51	32	16	5	4	5	6	10	26	58	61	28
ALL HOURS	63	57	41	22	8	7	9	11	19	33	64	63	33

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	43	33	23	11	4	2	2	3	7	20	43	46	20
03-05 LST	45	36	30	12	7	3	7	5	13	24	45	50	23
06-08 LST	44	40	34	19	10	7	11	13	21	26	51	51	27
09-11 LST	45	49	41	18	5	4	6	8	18	29	49	46	27
12-14 LST	39	34	21	10	2	2	2	3	8	19	49	41	19
15-17 LST	31	24	15	6	1	1	2	2	3	16	42	40	15
18-20 LST	33	26	14	8	2	1	1	2	4	15	39	40	15
21-23 LST	38	26	16	10	3	2	1	2	5	16	41	42	17
ALL HOURS	40	34	24	12	4	3	4	5	10	21	45	45	20

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	5	4	3	#	0	#	1	1	4	5	6	3
03-05 LST	6	7	7	3	1	1	1	1	3	5	7	4	4
06-08 LST	6	6	8	5	2	1	3	3	7	6	8	5	5
09-11 LST	7	6	6	2	0	0	1	#	3	6	10	4	4
12-14 LST	5	5	3	1	0	0	1	1	#	2	4	6	2
15-17 LST	4	3	1	1	#	#	0	0	0	1	5	5	2
18-20 LST	3	4	1	#	0	0	0	0	#	2	5	5	2
21-23 LST	5	4	2	2	0	#	#	#	#	2	6	5	2
ALL HOURS	5	5	4	2	#	#	1	1	2	4	6	5	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PENZA, RS
LOCATION: 5308N 4502E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 279620
ELEVATION (FEET): 571
PERIOD: 7301-8612

ICAO: UWPP
LST = GMT + 4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	1	3	3	2	1	0	0	0	1
03-05 LST	0	0	0	0	1	2	3	1	#	0	0	0	1
06-08 LST	0	0	0	0	0	1	#	1	0	#	#	0	#
09-11 LST	#	#	0	0	0	#	#	#	0	0	0	#	#
12-14 LST	0	0	0	#	1	3	1	0	0	0	0	0	1
15-17 LST	0	0	0	1	5	8	6	5	#	#	#	0	2
18-20 LST	0	#	0	1	3	7	5	5	1	0	0	#	2
21-23 LST	0	#	0	0	2	3	4	3	1	0	0	0	1
ALL HOURS	#	#	0	#	2	3	3	2	#	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	4	10	8	9	6	5	8	13	15	9	8
03-05 LST	5	3	4	6	8	8	7	5	8	11	15	8	7
06-08 LST	5	3	5	9	8	6	6	6	8	13	14	5	7
09-11 LST	6	3	4	6	6	6	5	6	9	13	10	7	7
12-14 LST	4	2	2	7	7	10	7	6	8	11	13	5	7
15-17 LST	4	3	3	8	11	11	12	8	10	11	10	8	8
18-20 LST	5	3	3	9	9	11	8	7	6	11	13	7	8
21-23 LST	4	4	3	9	8	8	6	5	9	11	15	7	7
ALL HOURS	5	3	4	8	8	9	7	6	8	12	13	7	7

3. % FREQ SNOW AND/OR ICE PELLETS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	27	13	3	0	0	0	0	0	7	20	34	12
03-05 LST	37	26	17	4	#	0	0	0	#	9	22	34	12
06-08 LST	34	30	16	6	0	0	0	0	1	9	20	32	12
09-11 LST	32	32	19	4	#	0	0	0	#	9	22	27	12
12-14 LST	35	21	12	3	#	0	0	0	1	9	20	31	11
15-17 LST	28	19	10	4	1	0	0	0	0	6	17	27	9
18-20 LST	28	19	12	3	0	0	0	0	#	6	14	25	9
21-23 LST	33	22	11	3	0	0	0	0	#	8	17	28	10
ALL HOURS	33	25	14	4	#	0	0	0	#	8	19	30	11

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS): (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	#	1	0	0	#	#	0	2	2	4	1
03-05 LST	2	1	1	#	0	#	0	0	0	2	2	3	1
06-08 LST	2	1	1	0	#	#	0	#	0	2	2	3	1
09-11 LST	3	1	1	1	0	#	0	#	0	0	2	1	1
12-14 LST	3	2	#	2	1	#	1	#	1	1	2	2	1
15-17 LST	2	1	1	2	1	1	#	#	1	2	1	2	1
18-20 LST	2	2	1	#	1	1	0	1	1	2	2	3	1
21-23 LST	2	2	1	#	#	0	0	0	0	1	2	3	1
ALL HOURS	2	1	1	1	#	#	#	#	#	1	2	3	1

REMARKS: # = DATA NOT AVAILABLE 0 = 0.0 LT 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	34	29	19	10	2	2	1	3	6	17	37	39	16
03-05 LST	36	32	26	12	6	3	5	5	10	20	40	42	20
06-08 LST	35	35	31	17	9	5	9	12	18	22	43	46	24
09-11 LST	40	46	37	15	4	2	5	7	16	27	45	40	24
12-14 LST	35	31	20	7	1	1	1	2	6	17	40	36	16
15-17 LST	27	22	13	5	1	1	1	1	2	13	34	33	13
18-20 LST	26	24	12	6	1	1	1	2	3	11	33	32	13
21-23 LST	31	22	14	9	2	1	1	2	4	14	35	35	14
ALL HOURS	33	30	22	10	3	2	3	4	8	17	38	38	17

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	18	12	7	1	1	1	2	4	11	24	24	11
03-05 LST	23	21	17	7	2	2	3	4	7	13	25	21	12
06-08 LST	22	24	22	12	5	3	7	9	12	15	26	26	15
09-11 LST	24	32	27	7	1	1	2	2	8	18	30	23	15
12-14 LST	21	18	11	4	1	#	1	1	2	9	22	22	9
15-17 LST	16	14	9	3	#	#	#	#	#	7	20	20	8
18-20 LST	16	16	9	4	0	#	#	1	2	9	20	19	8
21-23 LST	16	14	9	6	1	#	1	1	2	8	21	21	8
ALL HOURS	20	20	14	6	2	1	2	2	5	11	24	22	11

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	10	7	4	#	#	1	1	2	6	13	12	6
03-05 LST	12	12	10	5	1	1	2	2	5	9	13	10	7
06-08 LST	13	13	12	8	2	3	5	5	10	10	12	11	9
09-11 LST	15	14	16	4	#	#	1	1	6	11	17	11	8
12-14 LST	11	9	6	2	#	0	1	1	1	4	11	10	5
15-17 LST	9	6	4	2	#	#	0	0	0	4	12	10	4
18-20 LST	7	6	6	2	0	#	0	0	1	5	10	10	4
21-23 LST	8	9	5	4	0	#	1	#	1	4	10	12	5
ALL HOURS	11	10	8	4	1	1	1	1	3	7	12	11	6

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	2	2	0	0	#	#	#	2	3	1	1
03-05 LST	2	4	3	2	#	#	1	#	2	3	3	2	2
06-08 LST	2	3	6	3	2	#	2	2	6	4	3	2	3
09-11 LST	3	4	4	1	0	0	#	#	2	4	4	2	2
12-14 LST	3	3	#	1	#	0	#	0	0	1	2	2	1
15-17 LST	2	2	#	#	#	#	0	0	0	#	2	2	1
18-20 LST	1	2	1	#	0	0	0	0	#	1	2	2	1
21-23 LST	3	1	1	1	0	#	0	0	#	1	2	2	1
ALL HOURS	2	3	2	1	#	#	#	#	1	2	3	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PERM-IN-PERM, USSR
LOCATION: 5801N 5619E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 282250
ELEVATION (FEET): 528
PERIOD: 7301-8612

ICAO: W/A
LST = GMT +5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	1	34	34	44	72	78	87	87	86	76	58	41	36	87
MEAN DAILY MAX	1	12	13	29	45	59	68	71	66	54	38	26	16	41
MEAN	1	8	8	24	38	51	60	64	59	49	34	22	12	36
MEAN DAILY MIN	1	2	2	17	31	41	50	55	51	42	29	18	7	29
EXTREME MIN	1	-34	-34	-19	12	27	33	44	39	28	0	-14	-31	-34
# DAYS GE 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 32	1	31	28	30	17	5	0	0	0	3	19	28	31	192
# DAYS LE 0	1	13	12	2	0	0	0	0	0	0	2	10	39	
2. PRECIPITATION (INCHES)														
MAXIMUM	2	2.4	2.3	3.3	2.4	4.1	7.5	5.6	6.4	4.2	3.9	4.5	2.7	28.8
MEAN	2	1.5	1.3	1.3	1.1	2.0	2.8	3.1	3.0	2.5	2.1	2.2	1.7	24.6
MINIMUM	2	0.2	0.3	0.2	0.1	0.6	1.2	0.7	0.6	1.0	0.5	0.2	0.2	13.5
MAX 24 HR	2	1.0	0.6	1.0	0.9	1.3	1.9	2.4	2.0	1.1	1.4	1.0	1.0	2.4
# DAYS GE 0.004	1	18	14	11	8	8	8	9	10	16	18	18	144	
# DAYS GE 0.5														
3. SNOWFALL (INCHES)														
MEAN														
MAXIMUM														
MAX 24 HR														
# DAYS SNOWFALL	1	16	13	8	3	1	0	0	1	6	13	15	74	
# DAYS GE 1.5														
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)														
RH (5 LST)	1	84	84	83	81	75	83	88	89	90	88	88	84	85
RH (17 LST)	1	81	77	67	58	45	52	57	58	67	76	83	82	67
VAPOR PRESS	1	.07	.06	.11	.17	.23	.36	.43	.38	.28	.18	.11	.08	.20
DEWPOINT	1	4	4	17	28	36	48	54	50	42	29	19	8	28
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	SE	W	W	WSW	W	W	W	W	W	WSW	WSW	SSE	W
MEAN SPEED														
(PVLG DRCTN)	1	9	8	7	9	9	8	7	8	8	9	10	9	8
MEAN SPEED														
(ALL OBS)	1	9	8	8	8	9	8	7	7	8	9	9	9	8
MAX PEAK GUST														
PRESSURE ALT	1	1550	1450	1500	1350	1150	1100	1300	1400	1300	1300	1500	1400	1550
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	5	5	5	5	5	5	6	7	7	6	6
DAYS TSMS	1	#	1	#	1	3	8	9	4	1	#	#	#	28
DAYS FOG LT 7	1	10	11	10	7	3	6	9	9	8	9	9	9	100
DAYS BNBD LT 7	1	0	#	#	#	#	#	#	#	#	#	#	#	2
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, FOR VARIED

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	91	87	91	96	97	96	97	95	96	96	97	92	94
03-05 LST	89	87	92	95	31	19	20	77	95	97	97	93	74
06-08 LST	89	88	47	27	21	21	25	34	46	67	96	92	54
09-11 LST	54	49	34	28	18	19	27	33	44	58	71	60	41
12-14 LST	41	39	27	26	14	14	19	21	39	61	69	54	35
15-17 LST	46	36	24	20	13	12	13	15	30	52	68	80	34
18-20 LST	90	86	77	18	11	10	9	14	60	98	97	91	55
21-23 LST	89	86	93	97	95	78	86	96	96	98	97	93	92
ALL HOURS	74	70	61	51	37	33	37	48	63	78	86	82	60

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	90	85	90	95	97	96	96	94	96	95	96	89	93
03-05 LST	86	85	91	94	26	14	16	76	94	95	95	92	72
06-08 LST	88	87	42	24	14	17	21	29	40	59	94	91	50
09-11 LST	47	46	30	22	9	11	17	24	36	47	63	50	34
12-14 LST	34	33	18	16	7	6	7	11	21	38	57	44	24
15-17 LST	38	28	16	10	7	4	6	8	15	32	54	77	25
18-20 LST	87	84	74	14	7	5	5	8	55	97	94	89	52
21-23 LST	88	84	92	96	94	78	86	96	96	97	96	92	91
ALL HOURS	70	67	57	46	33	29	31	43	57	70	81	78	55

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	15	11	9	6	5	3	4	7	23	34	19	13
03-05 LST	20	17	15	11	6	9	10	11	14	27	34	24	17
06-08 LST	22	26	25	15	6	11	14	19	24	28	35	24	21
09-11 LST	31	32	20	13	4	6	9	12	22	31	44	32	21
12-14 LST	19	15	10	10	3	3	3	6	12	23	32	23	13
15-17 LST	19	14	9	6	3	2	3	3	8	20	26	22	11
18-20 LST	17	13	12	7	4	2	2	3	8	22	26	21	12
21-23 LST	17	12	9	7	3	2	3	3	6	23	31	21	11
ALL HOURS	20	18	14	10	4	5	6	8	13	25	33	23	15

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	1	1	1	0	#	#	2	1	1	1
03-05 LST	1	2	1	2	1	2	2	3	2	2	1	#	2
06-08 LST	1	3	4	3	0	2	2	4	6	6	1	3	3
09-11 LST	2	2	1	2	0	0	0	#	1	2	1	2	1
12-14 LST	1	1	0	1	#	0	#	0	#	2	0	2	1
15-17 LST	1	1	#	0	0	0	#	1	#	1	1	2	1
18-20 LST	1	#	1	0	1	#	0	0	1	1	2	1	1
21-23 LST	1	#	#	#	0	0	#	#	#	1	1	#	#
ALL HOURS	1	1	1	1	#	1	1	1	1	2	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PERM-IN-PERM, USSR
LOCATION: 5801N 5619E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 282250
ELEVATION (FEET): 528
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	0	1	1	2	1	0	0	0	0	#
03-05 LST	0	#	0	#	#	1	1	#	#	#	0	0	#
06-08 LST	#	1	1	0	0	#	0	0	0	#	0	0	#
09-11 LST	#	#	0	0	0	0	#	#	0	0	0	#	#
12-14 LST	#	0	0	0	1	3	4	2	0	0	#	0	1
15-17 LST	0	0	0	#	1	6	6	2	0	0	0	0	1
18-20 LST	0	0	0	#	2	5	4	3	1	0	#	0	1
21-23 LST	#	0	0	#	1	3	4	1	1	0	#	0	1
ALL HOURS	#	#	#	#	1	2	3	1	#	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	4	7	9	5	5	12	10	3	1	5
03-05 LST	#	1	1	4	8	9	7	8	13	11	4	2	6
06-08 LST	2	3	3	5	6	8	7	11	15	12	3	1	6
09-11 LST	2	1	1	5	6	7	8	8	12	11	4	2	6
12-14 LST	1	1	1	6	8	6	8	10	11	9	4	1	5
15-17 LST	#	1	2	5	8	9	11	10	15	10	3	2	6
18-20 LST	1	#	3	5	11	8	7	11	16	11	4	1	7
21-23 LST	2	1	2	4	8	9	7	7	14	12	4	2	6
ALL HOURS	1	1	2	5	8	8	7	9	13	11	4	2	6

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	44	35	19	8	2	0	0	0	3	18	35	36	17
03-05 LST	45	34	24	7	1	#	0	0	1	21	36	39	17
06-08 LST	50	44	27	11	2	0	0	0	2	15	39	42	19
09-11 LST	48	42	24	10	2	#	0	0	3	21	43	43	20
12-14 LST	39	34	18	10	2	0	0	#	2	18	36	41	17
15-17 LST	34	29	16	8	1	0	0	0	2	16	30	32	14
18-20 LST	33	34	17	6	2	#	#	0	1	18	31	34	15
21-23 LST	39	35	18	6	1	0	0	#	2	21	39	36	16
ALL HOURS	42	36	20	8	2	#	#	#	2	19	36	38	17

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	1	#	#	0	0	0	0	1	#	#
03-05 LST	1	#	0	0	#	#	0	0	0	1	0	1	#
06-08 LST	1	0	1	0	1	0	#	0	0	1	1	#	#
09-11 LST	#	0	0	0	0	0	0	0	1	#	0	#	#
12-14 LST	#	1	0	1	1	#	1	0	#	#	0	0	#
15-17 LST	#	#	0	#	#	0	#	#	#	#	#	0	#
18-20 LST	0	0	1	1	#	#	1	#	1	#	0	1	#
21-23 LST	0	#	0	1	#	0	#	0	0	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	12	10	7	5	4	2	3	6	19	25	15	10
03-05 LST	15	14	14	9	5	7	9	9	12	21	25	17	13
06-08 LST	19	24	22	14	4	10	13	18	21	24	25	16	18
09-11 LST	28	28	16	12	3	5	6	9	17	24	35	25	17
12-14 LST	17	13	7	8	2	2	2	5	8	18	23	20	10
15-17 LST	16	13	8	4	3	2	2	3	7	15	21	20	9
18-20 LST	14	12	10	5	3	1	2	3	6	18	22	16	9
21-23 LST	14	10	7	5	3	2	2	3	5	17	22	16	9
ALL HOURS	17	16	12	8	3	4	5	7	10	20	25	18	12

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	3	6	3	3	1	1	2	2	8	11	8	4
03-05 LST	7	6	7	5	3	5	5	7	6	10	10	7	6
06-08 LST	7	12	10	6	2	6	8	7	9	13	11	7	8
09-11 LST	13	14	7	6	1	2	2	3	7	11	12	11	7
12-14 LST	6	7	3	4	1	1	1	2	2	8	9	8	4
15-17 LST	7	9	2	3	1	0	1	1	2	7	8	8	4
18-20 LST	7	7	6	3	1	1	1	1	3	7	8	6	4
21-23 LST	7	5	3	3	1	0	2	1	2	8	9	6	4
ALL HOURS	7	8	5	4	2	2	2	3	4	9	10	8	5

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	3	2	2	1	0	1	0	3	2	2	2
03-05 LST	3	3	2	3	1	3	3	5	3	4	2	1	3
06-08 LST	2	4	5	4	1	2	3	5	6	8	4	5	4
09-11 LST	6	7	3	4	0	0	0	1	3	5	4	5	3
12-14 LST	2	4	1	3	0	0	0	1	0	3	2	3	2
15-17 LST	3	3	0	1	0	0	0	1	0	2	2	3	1
18-20 LST	2	2	2	1	1	1	0	0	1	2	4	2	1
21-23 LST	2	2	1	1	0	0	1	0	0	3	2	1	1
ALL HOURS	3	4	2	2	1	1	1	2	2	4	3	3	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	1	0	0	0	0	0	1	0	0	0
03-05 LST	0	1	0	1	0	0	0	1	1	1	0	0	1
06-08 LST	0	1	2	1	0	1	2	2	3	3	0	1	1
09-11 LST	0	1	0	1	0	0	0	0	0	1	0	1	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	1	1	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	1	0	0	0
ALL HOURS	0	1	0	1	0	0	0	0	1	0	0	0	0

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PETROPAVLOVSK-KA-CH RA
LOCATION: 53°01'N, 158°44'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 325400
ELEVATION (FEET): 23
PERIOD: VARIED

ICAO ID:
LST - GMT +11

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1-2	43	43	50	64	72	81	88	81	77	66	55	47	88
MEAN DLY MAX 1	22	24	28	36	44	53	59	60	55	44	33	25	40
MEAN 1	19	20	24	32	40	48	54	55	50	40	30	22	36
MEAN DLY MIN 1	14	15	19	28	35	43	50	51	45	36	26	18	32
EXTREME MIN 1-2	-29	-25	-12	4	14	29	35	35	30	18	5	-15	-29
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32 1	30	28	31	25	6	#	0	0	#	6	27	30	183
# DAYS > 0 1	2	1	#	0	0	0	0	0	0	0	0	#	3
2. PRECIPITATION (INCHES)													
MAXIMUM 2	6.3	7.7	10.2	5.8	4.8	5.2	8.8	13.6	8.2	9.8	6.5	8.4	*
MEAN 2	3.0	2.0	2.7	2.3	1.8	2.1	3.1	3.4	3.1	3.6	2.6	2.6	32.3
MINIMUM 2	0.1	0.0	0.2	0.1	0.1	0.3	0.5	0.4	0.4	0.9	0.3	0.2	*
MAX 24 HR 2	2.5	2.4	2.5	2.4	2.8	1.8	2.4	3.5	2.5	2.0	2.6	2.1	3.5
# DAYS W/ PRECIP 1	11	10	9	10	9	9	10	10	9	10	8	10	115
# DAYS > 0.01 2	11	8	9	9	7	8	10	10	9	9	9	10	109
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/ SNOWFALL 2	11	9	11	10	6	1	0	0	0	3	7	10	68
# DAYS W/ SNOW DEPTH > 1.0 2	31	28	31	30	27	2	0	0	0	1	18	31	169
> 6.0 2	31	28	29	21	2	0	0	0	0	0	5	25	141
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (05 LST) 1	68	68	67	74	80	85	89	87	83	75	69	71	76
RH (14 LST) 1	66	64	59	63	65	68	75	73	68	66	64	68	67
VAPOR PRESS 1	.08	.08	.09	.13	.18	.26	.36	.36	.19	.19	.12	.09	.18
DEWPOINT 1	10	11	13	23	31	41	49	50	43	32	20	13	28
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	NNW	NNW	NNW	NNW	\$SSE	SSE	\$SE	\$NNW	NNW	NNW	NNW	NNW	NNW
MEAN SPEED (PVLG DRCTN) 1	10	10	9	9	8	8	7	9	9	9	10	10	9
MEAN SPEED (ALL OBS) 1	10	10	9	9	7	7	6	6	7	9	11	10	8
MAX (PK GST) 1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	1800	1400	1550	1150	1350	1000	1100	1050	1100	1350	1750	1600	1800
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	5	5	5	6	6	6	6	5	5	5	5	5
DAYS TSTMS 1	0	0	0	0	0	#	#	#	0	0	#	#	#
DAYS FOG < 7 1	#	#	#	2	4	6	9	6	3	1	#	1	34
DAYS BNBD < 7 1	0	0	0	0	0	#	#	#	0	0	0	#	#
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY POR 4-50 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	39	33	41	48	49	64	53	41	37	29	33	42
03-05 LST	39	38	32	42	48	56	67	56	40	38	27	34	43
06-08 LST	38	39	32	37	48	53	63	54	43	42	29	31	42
09-11 LST	36	37	26	35	45	41	54	49	43	38	28	33	39
12-14 LST	31	36	26	33	36	38	39	49	42	42	32	34	37
15-17 LST	30	35	28	31	39	38	44	48	41	41	32	34	37
18-20 LST	35	37	29	35	41	43	51	52	39	38	29	31	38
21-23 LST	38	39	34	37	44	47	59	49	39	36	29	35	41
ALL HOURS	35	37	30	36	44	46	55	51	41	39	29	33	40

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	18	11	19	26	31	50	35	18	16	15	17	23
03-05 LST	17	19	11	23	30	42	55	40	21	16	15	15	25
06-08 LST	15	20	13	22	32	43	56	39	25	21	15	13	26
09-11 LST	16	19	10	20	25	27	44	34	23	21	17	16	23
12-14 LST	15	15	12	18	19	23	30	27	20	17	17	15	19
15-17 LST	14	17	12	16	19	19	30	29	19	15	16	16	19
18-20 LST	16	20	12	19	23	28	40	34	19	16	15	17	22
21-23 LST	17	19	12	19	24	30	41	34	22	16	15	18	22
ALL HOURS	16	18	12	19	25	30	43	34	21	17	16	16	22

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	11	6	9	12	20	30	22	8	5	7	10	12
03-05 LST	10	10	6	12	15	26	40	26	10	4	7	7	14
06-08 LST	9	13	6	13	16	26	41	25	13	7	8	7	15
09-11 LST	10	13	6	11	10	13	23	14	11	8	9	12	12
12-14 LST	10	9	7	6	5	8	13	11	7	6	8	9	8
15-17 LST	10	13	6	7	6	7	14	13	6	5	10	10	9
18-20 LST	9	12	8	9	10	11	21	17	5	3	9	11	10
21-23 LST	11	12	7	10	10	15	27	19	8	5	8	11	12
ALL HOURS	10	12	6	10	11	16	26	18	9	5	8	10	12

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	3	2	1	1	3	6	2	#	0	1	2	2
03-05 LST	1	3	2	2	3	5	8	3	1	#	0	1	2
06-08 LST	1	1	1	2	2	3	7	3	2	#	#	1	2
09-11 LST	1	2	1	1	1	0	#	#	1	1	1	1	1
12-14 LST	1	1	2	1	0	0	0	0	#	1	1	1	1
15-17 LST	1	1	1	1	0	#	#	0	0	0	1	1	1
18-20 LST	1	1	1	1	#	#	1	1	0	0	0	1	1
21-23 LST	1	2	1	2	0	1	2	1	#	#	#	1	1
ALL HOURS	1	2	1	1	1	2	5	1	1	#	1	1	1

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: PETROPAVLOVSK-KAMCH RA
LOCATION: 53°01'N, 158°44'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 325400
ELEVATION (FEET): 23
PERIOD: 7301-8612

ICAO ID:
LST = GMT +11

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	#	#
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	#	0	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	#	0	#
15-17 LST	0	0	0	0	0	#	#	0	0	0	0	0	#
18-20 LST	0	0	0	0	0	0	#	0	0	0	0	0	#
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	#	#	#	0	0	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	1	15	17	22	20	17	19	4	1	10
03-05 LST	1	1	0	1	13	19	23	19	15	17	4	1	9
06-08 LST	1	1	0	1	14	19	22	18	17	18	3	1	10
09-11 LST	1	0	0	1	13	17	16	19	18	17	3	1	9
12-14 LST	#	0	0	2	11	17	14	14	16	17	4	1	8
15-17 LST	1	#	0	2	11	16	17	19	15	16	3	2	9
18-20 LST	1	#	#	1	13	15	17	18	17	17	3	2	9
21-23 LST	1	#	0	2	14	19	24	19	14	18	3	2	10
ALL HOURS	1	#	#	1	13	17	19	18	16	18	3	1	9

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	27	22	22	8	0	0	0	0	3	14	19	11
03-05 LST	24	25	19	23	7	#	0	0	0	3	12	19	11
06-08 LST	22	25	20	23	8	#	0	0	0	4	12	15	11
09-11 LST	23	24	17	21	6	#	0	0	0	4	14	21	11
12-14 LST	21	24	14	16	5	0	0	0	0	3	15	20	10
15-17 LST	19	25	16	17	6	0	0	0	0	2	14	19	10
18-20 LST	22	28	18	17	6	0	0	0	0	2	15	21	11
21-23 LST	27	27	21	20	8	0	0	0	0	3	16	23	12
ALL HOURS	22	26	18	20	7	#	0	0	0	3	14	19	11

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	1	2	#	#	#	#	1	2	4	4	2
03-05 LST	3	2	2	2	0	0	0	#	0	2	5	2	1
06-08 LST	1	2	1	2	#	1	#	0	#	2	5	3	2
09-11 LST	2	2	2	2	1	1	#	#	#	2	7	3	2
12-14 LST	3	4	3	3	2	1	#	0	2	3	8	3	3
15-17 LST	3	3	5	2	1	1	#	#	2	3	7	3	3
18-20 LST	2	2	3	3	#	0	0	0	1	2	5	4	2
21-23 LST	3	3	1	1	#	#	0	0	#	1	5	3	2
ALL HOURS	2	3	2	2	1	1	#	#	1	2	6	3	2

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, THREE HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	11	6	9	12	18	28	21	8	4	7	10	12
03-05 LST	10	10	6	12	15	24	36	24	9	4	7	7	14
06-08 LST	9	13	6	13	15	23	38	24	13	7	8	7	14
09-11 LST	10	13	6	11	10	11	21	14	10	8	9	12	11
12-14 LST	10	9	7	6	5	8	12	9	7	6	8	9	8
15-17 LST	10	13	6	6	5	7	13	12	5	5	10	10	8
18-20 LST	9	12	8	9	9	11	20	16	5	3	9	11	10
21-23 LST	11	12	7	10	9	14	25	17	7	5	8	11	11
ALL HOURS	10	12	6	9	10	14	24	17	8	5	8	10	11

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	11	6	8	7	11	19	13	3	3	7	10	9
03-05 LST	10	10	6	10	10	15	23	15	6	3	6	7	10
06-08 LST	8	13	6	12	10	13	23	14	7	6	8	6	11
09-11 LST	10	13	6	10	5	3	10	8	4	6	8	12	8
12-14 LST	10	9	7	6	4	1	4	4	3	5	7	9	6
15-17 LST	10	13	6	6	3	2	4	4	1	4	9	9	6
18-20 LST	9	12	7	8	5	5	10	9	4	2	8	11	7
21-23 LST	11	12	7	8	5	8	14	8	5	4	7	10	8
ALL HOURS	10	12	6	9	6	7	13	9	4	4	7	9	8

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	3	4	2	5	8	4	1	1	3	5	4
03-05 LST	5	6	3	4	4	8	11	6	2	1	3	4	5
06-08 LST	4	8	2	6	4	6	10	5	3	2	3	3	5
09-11 LST	6	8	4	5	2	0	1	1	1	3	5	8	4
12-14 LST	7	7	4	3	#	0	#	#	#	1	6	6	3
15-17 LST	5	7	4	2	1	#	#	#	#	1	5	6	3
18-20 LST	5	6	3	3	1	0	2	2	0	1	2	5	2
21-23 LST	3	7	3	4	1	2	5	1	1	1	2	5	3
ALL HOURS	5	7	3	4	2	3	5	2	1	2	4	5	4

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	#	1	1	2	5	1	0	0	#	#	1
03-05 LST	#	#	1	2	2	5	7	3	1	#	0	1	2
06-08 LST	#	0	#	1	1	2	7	2	2	#	#	#	1
09-11 LST	0	#	1	0	#	0	#	#	1	#	0	#	#
12-14 LST	0	0	#	0	0	0	0	0	0	1	#	0	#
15-17 LST	#	#	#	#	0	#	#	0	#	0	0	#	#
18-20 LST	#	0	#	#	#	0	#	#	0	0	0	0	#
21-23 LST	#	#	0	#	0	#	1	1	#	#	0	#	#
ALL HOURS	#	#	#	1	1	1	3	1	1	#	#	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PETRCZAVODSK, RUSSIA
LOCATION: 6149N 3417E
PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 228200
ELEVATION (FEET): 131
PERIOD: 7301-9012

ICAO:
LST = GMT + 4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	45	44	54	72	80	91	87	84	80	62	50	52	91
MEAN DAILY MAX	1	17	19	30	40	54	63	67	62	53	41	30	22	42
MEAN	1	13	16	25	35	48	56	61	57	48	38	27	18	37
MEAN DAILY MIN	1	7	10	20	28	40	48	53	50	42	33	23	13	31
EXTREME MIN	1	-42	-25	-16	8	23	30	32	30	24	04	-5	-32	-42
# DAYS GE 90	1	0	0	0	0	#	#	0	0	#	0	0	0	0
# DAYS LE 32	1	30	27	28	21	7	#	#	#	3	14	24	30	185
# DAYS LE 0	1	11	7	2	0	0	0	0	#	#	#	1	6	26
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	26	22	20	16	14	15	14	17	18	21	27	28	238
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	25	21	17	10	2	#	0	0	1	8	21	27	132
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (07 LST)	1	85	85	85	81	75	79	85	90	91	88	88	87	85
RH (16 LST)	1	84	80	70	59	52	57	62	68	69	77	86	86	71
VAPOR PRESS	1	.08	.09	.12	.15	.22	.32	.41	.38	.29	.20	.14	.10	.21
DEWPOINT	1	9	12	19	25	35	45	52	50	42	33	24	15	30
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCIN	1	W	WSW	WSW	E	E	E	E	WSW	WSW	W	W	WSW	WSW
MEAN SPEED														
(PVLG DRCIN)	1	8	8	8	7	6	6	6	6	6	8	8	8	7
MEAN SPEED														
(ALL OBS)	1	7	7	6	6	6	6	5	5	6	7	7	7	6
MAX PEAK GUST	1	47	45	37	43	35	0	0	33	29	37	31	33	47
PRESSURE ALT	1	1700	1900	1650	1300	1050	860	940	1050	1070	1230	1610	1900	1900
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (ENBD)														
CLD COVER	1	6	6	6	6	5	6	5	6	6	6	7	7	6
DAYS TSIMS	1	#	#	#	#	2	5	6	4	1	#	#	0	19
DAYS FOG LT 7	1	4	3	7	5	3	4	5	6	6	5	5	3	55
DAYS ENBD LT 7	1	0	0	0	0	0	0	#	0	#	0	0	#	0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(PETROZAVODSK, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCIN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	59	51	40	28	20	22	19	26	27	54	69	63	40
03-05 LST	56	55	43	29	22	23	21	31	34	54	71	64	42
06-08 LST	59	54	48	31	22	25	22	32	42	57	73	64	44
09-11 LST	60	55	47	33	27	27	27	41	43	57	70	63	46
12-14 LST	50	43	45	36	33	35	36	44	47	57	65	58	46
15-17 LST	47	40	42	34	31	31	33	39	44	56	65	54	43
18-20 LST	52	45	39	28	25	25	25	29	30	56	69	58	40
21-23 LST	56	49	38	28	17	18	18	23	28	48	71	63	38
ALL HOURS	55	49	43	31	25	26	25	33	37	55	69	61	42

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	47	37	27	18	11	12	10	15	13	31	52	51	27
03-05 LST	42	41	32	19	13	13	14	19	18	33	53	51	29
06-08 LST	45	41	37	25	16	15	16	22	28	37	54	52	32
09-11 LST	45	44	39	26	18	16	15	26	32	36	52	50	33
12-14 LST	40	34	31	21	13	14	13	19	22	33	48	48	28
15-17 LST	36	30	27	18	11	10	10	15	16	30	47	42	24
18-20 LST	41	33	24	14	9	11	9	11	13	32	49	45	24
21-23 LST	44	35	25	18	10	8	6	10	15	27	51	50	25
ALL HOURS	42	37	30	20	13	12	12	17	20	32	51	49	28

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	31	20	16	11	4	7	4	8	8	19	32	34	16
03-05 LST	27	25	18	11	6	7	7	11	11	21	33	34	17
06-08 LST	28	24	23	14	10	10	10	14	16	24	36	34	20
09-11 LST	28	27	22	15	9	9	11	14	19	23	32	33	20
12-14 LST	20	16	15	10	7	5	5	9	11	18	29	25	14
15-17 LST	16	13	13	7	4	3	3	6	7	15	24	24	11
18-20 LST	19	15	13	6	3	3	2	5	5	17	27	24	12
21-23 LST	24	18	16	10	5	4	3	5	6	16	30	32	14
ALL HOURS	24	20	17	10	6	6	6	9	10	19	30	30	16

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	2	1	3	1	1	1	1	1	#	1
03-05 LST	1	1	2	1	1	2	1	1	2	1	1	1	1
06-08 LST	1	1	3	4	3	4	3	3	3	1	2	1	3
09-11 LST	1	2	4	5	2	2	1	3	4	3	2	1	2
12-14 LST	1	1	2	2	2	1	#	1	2	2	2	1	1
15-17 LST	1	1	2	1	1	#	#	1	#	2	3	1	1
18-20 LST	1	2	2	2	1	0	0	1	1	2	2	0	1
21-23 LST	1	1	2	3	2	1	#	1	1	1	2	1	1
ALL HOURS	1	1	2	3	1	2	1	1	2	2	2	1	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PETROZAVODSK, RUSSIA
 LOCATION: 6149N 3417E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 228200
 ELEVATION (FEET): 131
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	1	1	2	1	0	#	0	#
03-05 LST	0	0	#	0	0	1	1	1	#	0	0	0	#
06-08 LST	0	0	0	0	0	#	1	#	#	0	0	0	#
09-11 LST	1	#	0	0	0	0	#	#	0	#	#	0	#
12-14 LST	0	0	0	0	#	1	1	1	0	0	0	0	#
15-17 LST	0	0	0	0	1	2	3	3	#	0	#	0	1
18-20 LST	#	#	0	#	1	4	5	2	0	0	#	0	1
21-23 LST	0	#	0	0	1	2	2	2	#	#	0	0	1
ALL HOURS	#	#	#	#	#	1	2	1	#	#	#	0	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	4	8	9	11	9	13	17	19	14	3	9
03-05 LST	2	1	3	7	8	11	8	15	15	19	11	2	9
06-08 LST	3	2	3	5	9	13	9	13	18	19	10	3	9
09-11 LST	3	2	4	6	11	12	10	16	18	15	11	4	9
12-14 LST	2	1	5	6	9	13	10	15	15	17	12	4	9
15-17 LST	2	1	5	7	10	13	9	16	19	18	12	4	10
18-20 LST	2	1	4	9	10	13	11	16	20	19	12	4	10
21-23 LST	1	3	4	8	9	10	10	13	16	18	13	4	9
ALL HOURS	2	2	4	7	10	12	10	15	17	18	12	4	9

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	49	39	26	12	2	0	0	0	1	10	35	53	19
03-05 LST	50	42	29	14	2	0	0	0	1	10	34	51	19
06-08 LST	48	42	31	16	2	#	0	0	1	8	32	48	19
09-11 LST	49	42	32	17	3	1	0	0	1	10	31	52	20
12-14 LST	49	44	29	17	4	1	0	0	1	10	37	52	20
15-17 LST	43	40	27	14	3	#	0	0	1	11	38	49	19
18-20 LST	43	36	25	12	2	#	0	0	1	10	36	47	18
21-23 LST	44	35	24	12	1	0	0	0	#	10	34	50	17
ALL HOURS	47	40	28	14	2	#	0	0	1	10	35	50	19

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	#	#	0	0	0	#	0	#	1	#
03-05 LST	2	1	1	#	1	0	0	#	#	#	1	1	1
06-08 LST	1	1	1	#	1	0	0	#	0	#	1	1	#
09-11 LST	2	1	1	1	1	0	0	#	0	1	1	1	1
12-14 LST	1	1	1	1	1	#	0	#	0	#	1	1	1
15-17 LST	1	2	1	1	1	0	0	#	#	1	#	1	1
18-20 LST	1	2	2	1	1	0	0	#	#	1	1	1	1
21-23 LST	2	2	2	1	1	0	0	0	1	#	#	1	1
ALL HOURS	2	1	1	1	1	#	0	#	#	#	1	1	1

(PETROZAVODSK, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	17	13	9	4	5	3	7	6	14	25	26	13
03-05 LST	21	21	15	9	5	6	6	9	9	17	26	26	14
06-08 LST	23	18	21	12	8	9	9	12	12	19	25	27	16
09-11 LST	22	22	19	13	8	8	7	12	15	18	22	26	16
12-14 LST	16	12	12	8	7	4	4	7	9	12	21	21	11
15-17 LST	13	10	11	6	3	2	3	4	5	10	18	11	9
18-20 LST	16	13	11	6	3	2	2	4	4	12	22	19	9
21-23 LST	20	15	14	9	4	3	3	5	5	13	21	14	11
ALL HOURS	19	16	14	9	5	5	4	7	8	14	23	23	12

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	6	7	6	2	4	1	4	3	5	9	9	5
03-05 LST	8	8	8	5	3	4	3	4	5	5	9	10	6
06-08 LST	8	6	9	9	6	7	6	6	8	7	9	9	7
09-11 LST	10	9	11	9	5	4	3	7	8	9	10	10	8
12-14 LST	7	5	8	5	4	2	1	3	5	6	9	10	5
15-17 LST	7	4	5	4	2	1	1	2	2	3	9	8	4
18-20 LST	7	6	6	5	2	1	#	2	2	4	8	8	4
21-23 LST	7	6	8	6	2	1	1	2	2	4	9	10	5
ALL HOURS	8	6	8	6	3	3	2	4	4	6	9	9	6

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	4	3	1	3	1	2	2	2	3	2	2
03-05 LST	2	2	3	2	1	2	2	2	3	3	3	3	2
06-08 LST	2	2	5	6	4	5	4	4	5	3	3	2	4
09-11 LST	3	3	7	6	2	2	1	4	5	4	5	2	4
12-14 LST	3	3	3	4	2	1	#	1	3	3	4	4	3
15-17 LST	2	2	3	2	1	#	#	1	1	2	4	4	2
18-20 LST	2	3	3	3	1	#	#	1	1	2	4	2	2
21-23 LST	2	2	4	4	2	1	#	1	1	2	3	2	2
ALL HOURS	2	2	4	4	2	2	1	2	2	3	4	2	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	1	2	#	1	1	1	1	0	1
03-05 LST	1	1	1	1	1	1	1	1	2	#	1	#	1
06-08 LST	1	1	2	3	2	3	2	3	2	1	1	0	2
09-11 LST	#	1	2	4	1	1	1	2	3	2	#	#	2
12-14 LST	#	1	2	2	1	#	#	1	2	1	1	1	1
15-17 LST	#	1	1	1	1	#	#	#	#	1	1	1	1
18-20 LST	1	1	1	1	#	0	0	1	1	1	1	0	1
21-23 LST	1	1	1	2	1	1	0	#	1	#	1	1	1
ALL HOURS	1	1	1	2	1	1	1	1	1	1	1	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PORONAYSK, USSR
LOCATION: 49°13'N, 143°07'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 320980
ELEVATION (FEET): 13
PERIOD: VARIED

ICAO ID: N/A
LST - GMT +11

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1-2	48	41	48	66	91	91	97	97	86	72	59	46	97
MEAN DLY MAX 1	10	15	24	36	45	52	60	65	60	46	29	16	38
MEAN 1	3	7	18	32	40	48	57	61	54	40	23	9	33
MEAN DLY MIN 1	-4	-1	10	27	35	44	52	55	46	32	15	1	26
EXTREME MIN 1-2	-44	-38	-29	-11	19	28	32	37	27	1	-22	-31	-44
# DAYS > 90 1	0	0	0	0	#	#	#	#	0	0	0	0	#
# DAYS < 32 1	31	28	31	26	9	#	#	0	1	16	29	31	202
# DAYS < 0 1	22	18	5	#	0	0	0	0	0	0	2	16	63
2. PRECIPITATION (INCHES)													
MAXIMUM 2	3.4	2.8	2.4	5.6	5.3	6.6	7.8	11.6	9.4	5.6	5.2	2.8	39.0
MEAN 2	1.0	0.7	1.1	1.7	2.8	2.8	3.5	4.4	4.8	3.0	2.5	1.1	29.6
MINIMUM 2	#	#	0.1	0.7	1.2	1.5	1.3	1.3	1.6	0.6	0.7	0.1	17.6
MAX 24 HR 2	1.1	0.8	1.0	1.4	2.4	2.3	2.3	5.3	2.8	4.8	2.4	1.0	5.3
# DAYS W/ PRECIP 1	14	13	18	19	20	20	23	20	17	17	14	14	209
# DAYS > 0.01 2	10	8	11	12	13	14	16	15	15	12	11	10	147
3. SNOWFALL (INCHES)													
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS W/ SNOWFALL 1	12	11	15	15	5	#	0	#	#	4	10	12	84
# DAYS W/ SNOW													
DEPTH > 1.0 2	31	28	25	6	1	0	0	0	0	1	14	30	136
DEPTH > 6.0 2	24	23	15	1	0	0	0	0	0	#	1	17	81
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (08 LST) 1	74	76	79	83	87	92	94	92	89	82	80	78	84
RH (17 LST) 1	61	60	66	75	77	83	85	79	70	63	62	64	71
VAPOR PRESS 1	.04	.05	.08	.15	.21	.31	.43	.46	.34	.19	.10	.06	.20
DEWPOINT 1	-4	0	11	26	35	45	54	56	47	31	15	2	27
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	N	N	N	S	S	S	S	S	S	N	N	N	N
MEAN SPEED (PVLG DRCTN) 1	9	8	8	9	10	9	9	10	11	7	7	8	9
MEAN SPEED (ALL OBS) 1	8	7	7	7	8	7	6	7	8	8	7	7	7
MAX (PK GST) 1	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT 1	1300	1200	1000	1050	1050	700	650	800	950	1400	1150	1100	1200
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	4	4	5	6	6	6	7	6	5	5	4	4	5
DAYS TSMS 1	0	0	0	0	0	1	1	2	1	0	0	0	5
DAYS FOG < 7 1	1	1	4	11	13	18	21	14	9	5	2	1	100
DAYS BNBD < 7 1	#	0	0	0	#	#	#	#	#	#	#	#	#
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE
 \$ - % CALM > PVLC DICTN
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, THREE HOURLY, JAN 73 - DEC 86
 2. NATIONAL INTELLIGENCE SURVEY, JUL 71, VARIABLE POR, 20-55 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	24	21	33	44	49	62	70	50	40	23	20	20	38
03-05 LST	27	22	31	52	49	70	75	59	45	22	17	19	41
06-08 LST	29	25	35	49	52	67	73	58	42	27	29	24	42
09-11 LST	24	23	29	46	50	57	71	49	38	26	19	21	38
12-14 LST	19	16	24	45	46	51	57	43	39	27	21	18	34
15-17 LST	18	17	27	39	40	45	50	37	31	27	19	18	31
18-20 LST	25	21	27	41	42	47	50	40	33	26	19	26	33
21-23 LST	27	27	33	41	45	54	59	43	34	23	21	23	36
ALL HOURS	24	21	30	45	47	57	63	47	38	25	20	21	36

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	17	25	35	40	47	64	60	26	16	12	14	30
03-05 LST	20	16	24	42	42	65	70	48	29	14	12	13	33
06-08 LST	21	19	29	44	45	64	71	48	31	20	13	18	35
09-11 LST	20	20	25	38	40	52	64	37	27	17	16	18	31
12-14 LST	17	14	21	37	32	45	52	30	25	14	14	16	26
15-17 LST	14	13	23	33	31	39	47	26	18	15	14	15	24
18-20 LST	20	17	21	34	33	42	46	30	21	15	14	19	26
21-23 LST	20	22	26	32	36	48	54	32	20	14	13	16	28
ALL HOURS	19	17	24	37	38	52	58	36	25	16	13	16	29

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	8	10	24	28	44	55	29	14	11	7	7	20
03-05 LST	8	7	13	29	29	53	59	33	18	8	5	6	22
06-08 LST	9	8	17	31	35	55	61	35	20	9	6	6	24
09-11 LST	11	11	15	29	28	42	50	25	15	8	9	11	21
12-14 LST	8	6	12	26	22	32	40	17	13	6	6	8	16
15-17 LST	7	6	14	21	20	29	36	15	9	6	7	7	15
18-20 LST	10	6	10	22	20	31	37	16	10	8	7	6	15
21-23 LST	10	8	11	21	23	37	43	21	11	7	7	5	17
ALL HOURS	9	7	13	25	26	40	47	24	14	8	7	7	19

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	5	6	9	16	19	10	4	3	2	2	7
03-05 LST	2	1	5	10	11	23	30	15	7	3	1	2	9
06-08 LST	1	1	8	17	16	27	31	17	8	4	2	1	11
09-11 LST	3	3	4	13	9	9	11	6	3	3	3	3	6
12-14 LST	2	2	3	8	5	5	5	2	2	1	1	4	3
15-17 LST	2	2	5	7	4	6	5	2	1	1	1	4	3
18-20 LST	2	2	3	7	6	8	9	2	1	1	1	3	4
21-23 LST	3	1	4	5	7	11	11	4	2	1	1	2	8
ALL HOURS	2	2	5	9	8	13	15	7	4	2	2	3	6

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: PORONAYSK, USSR
LOCATION: 49°13'N, 143°07'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 320980
ELEVATION (FEET): 13
PERIOD: VARIED

ICAO ID: N/A
LST - GMT +11

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	#	#	#	1	0	0	0	#
03-05 LST	0	0	0	0	0	0	#	#	#	0	0	0	#
06-08 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
09-11 LST	0	0	0	0	0	0	#	0	#	0	0	0	#
12-14 LST	0	0	0	0	0	#	#	#	0	0	0	0	#
15-17 LST	0	0	0	0	0	#	0	#	#	0	0	0	#
18-20 LST	0	0	0	0	0	#	0	1	1	0	0	0	#
21-23 LST	0	0	0	0	0	#	#	0	#	0	0	0	#
ALL HOURS	0	0	0	0	0	#	#	#	#	0	0	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	5	14	23	28	20	18	9	2	#	10
03-05 LST	0	0	#	5	17	29	32	20	18	8	1	0	11
06-08 LST	0	0	0	6	17	29	36	21	18	9	2	0	12
09-11 LST	0	0	0	4	12	18	19	15	17	9	2	#	8
12-14 LST	#	0	#	4	10	14	14	13	17	9	3	#	7
15-17 LST	0	0	0	3	12	12	13	14	14	11	2	#	7
18-20 LST	0	0	#	5	13	16	16	15	16	10	2	#	8
21-23 LST	0	0	#	5	14	22	23	17	15	9	2	#	9
ALL HOURS	#	#	#	5	14	20	23	17	17	9	2	#	9

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	17	20	18	7	0	0	0	0	4	10	14	9
03-05 LST	18	19	20	19	7	0	0	0	0	4	11	12	9
06-08 LST	19	17	21	20	6	0	0	0	0	4	8	14	9
09-11 LST	17	18	20	21	6	0	0	0	0	3	10	17	9
12-14 LST	16	14	17	16	5	0	0	0	0	3	10	14	8
15-17 LST	14	15	19	15	4	#	0	0	0	3	9	12	8
18-20 LST	15	14	20	16	4	0	0	0	0	3	10	13	8
21-23 LST	16	18	22	19	4	#	0	0	0	5	10	13	9
ALL HOURS	16	16	20	18	5	#	0	0	0	4	10	14	9

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	#	#	0	#	0	1	1	#	1	1
03-05 LST	2	1	1	1	0	0	#	0	#	1	1	1	1
06-08 LST	1	1	1	#	0	0	0	0	#	1	1	0	#
09-11 LST	1	#	1	#	#	0	#	0	1	#	#	#	#
12-14 LST	1	1	1	#	#	#	0	0	1	1	1	1	1
15-17 LST	2	#	#	0	1	#	#	0	1	1	1	#	1
18-20 LST	1	1	1	#	0	0	#	0	#	1	#	#	#
21-23 LST	1	1	#	#	0	0	0	0	#	1	1	1	#
ALL HOURS	1	#	1	#	#	#	#	#	1	1	1	1	1

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, THREE HOURLY, JAN 73 - DEC 86
 2. NATIONAL INTELLIGENCE SURVEY, JUL 71, VARIABLE POR, 20-55 YRS
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	7	10	20	25	40	48	25	11	8	6	7	18
03-05 LST	7	7	11	25	26	49	54	30	15	9	5	6	20
06-08 LST	9	8	17	30	33	52	59	32	18	9	6	6	23
09-11 LST	11	10	15	27	26	40	47	24	14	7	9	11	20
12-14 LST	8	6	12	24	19	30	37	15	12	6	6	8	15
15-17 LST	6	6	13	20	18	27	32	13	8	6	6	7	14
18-20 LST	9	6	10	20	18	28	36	15	9	6	6	6	14
21-23 LST	10	8	10	20	19	33	40	19	9	7	6	5	16
ALL HOURS	9	7	12	23	23	38	44	22	12	7	6	7	17

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	7	8	14	16	26	33	19	8	7	5	6	13
03-05 LST	6	6	10	19	18	38	43	24	10	6	5	5	16
06-08 LST	7	7	16	28	28	45	51	29	14	7	5	6	20
09-11 LST	10	10	15	24	19	31	37	18	11	6	9	9	17
12-14 LST	7	6	11	21	14	19	24	11	8	5	5	8	12
15-17 LST	6	6	12	14	12	16	22	10	6	4	5	7	10
18-20 LST	8	5	10	16	12	19	25	10	6	4	4	6	10
21-23 LST	7	7	9	13	13	24	25	11	6	5	4	4	11
ALL HOURS	7	7	11	19	16	27	33	16	9	5	5	6	14

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	5	7	10	18	23	12	5	4	3	3	8
03-05 LST	4	3	8	13	13	28	32	16	7	4	3	3	11
06-08 LST	4	4	10	19	18	31	33	19	9	5	3	3	13
09-11 LST	5	4	6	14	10	12	15	7	3	4	3	5	7
12-14 LST	4	3	5	11	7	7	10	4	2	1	2	5	5
15-17 LST	4	3	6	9	5	7	8	4	2	2	2	4	5
18-20 LST	4	3	5	9	7	9	12	4	1	1	2	4	5
21-23 LST	4	4	6	8	8	12	14	5	3	3	2	3	6
ALL HOURS	4	3	6	11	10	15	18	9	4	3	2	4	8

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	4	5	7	12	13	7	3	2	1	#	5
03-05 LST	#	0	3	8	9	21	22	10	5	1	1	0	7
06-08 LST	#	0	6	14	14	25	29	14	7	2	1	#	9
09-11 LST	1	1	2	8	7	8	8	5	2	1	1	2	4
12-14 LST	1	#	1	4	3	4	3	2	1	#	#	1	2
15-17 LST	#	#	1	4	4	5	4	1	1	1	#	1	2
18-20 LST	1	0	2	5	4	8	7	2	1	0	#	1	3
21-23 LST	1	0	2	4	5	7	7	3	1	#	1	#	3
ALL HOURS	1	#	2	6	6	11	12	5	3	1	1	1	4

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ROSTOV-ON-DON, RS
 LOCATION: 4715N 3950E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 347310
 ELEVATION (FEET): 253
 PERIOD: 7301-8612

ICAO: URRR
 LST = GMT + 4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	58	62	72	88	89	94	99	95	88	76	70	99
MEAN DAILY MAX	1	29	30	40	59	70	77	80	79	70	55	41	55
MEAN	1	24	25	34	51	63	69	72	71	61	48	37	49
MEAN DAILY MIN	1	19	19	28	43	54	60	63	62	52	41	32	42
EXTREME MIN	1	-18	-16	0	28	34	32	50	41	25	12	7	-18
# DAYS GE 90	1	0	0	0	0	0	2	3	3	0	0	0	8
# DAYS LE 32	1	27	25	20	2	0	0	0	0	5	14	23	116
# DAYS LE 0	1	3	1	0	0	0	0	0	0	0	0	0	4
2. PRECIPITATION (INCHES)													
MAXIMUM	2	3.4	4.9	3.2	3.4	3.8	6.1	4.7	4.4	3.7	3.4	5.4	4.9 29.7
MEAN	2	1.4	1.4	1.3	1.3	1.9	2.4	2.2	1.2	1.2	1.3	1.5	1.5 18.6
MINIMUM	2	0.2	0.1	0	0	0	0.2	0	0	0.0	0.0	0.2	0.2 3.3
MAX 24 HR	2	1.0	1.0	1.0	1.2	1.9	2.5	1.9	2.8	1.4	1.1	1.4	1.1 2.8
# DAYS GE 0.004	1	11	9	7	7	7	6	6	4	5	5	9	12 88
# DAYS GE 0.5	1	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS SNOWFALL	1	6	5	3	0	0	0	0	0	0	1	4	19
# DAYS GE 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (07 LST)	1	87	87	88	83	78	77	78	75	80	85	88	83
RH (16 LST)	1	79	72	65	54	49	47	49	45	49	61	77	61
VAPOR PRESS	1	.13	.12	.16	.27	.37	.45	.50	.46	.36	.26	.20	.29
DEWPOINT	1	20	19	28	40	49	55	58	55	49	40	32	39
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	E	E	E	E	E	SW	W	E	E	E	E	E
MEAN SPEED													
(PVLG DRCTN)	1	15	18	15	14	12	10	10	12	13	14	13	13
MEAN SPEED													
(ALL OBS)	1	12	13	13	11	10	8	8	9	9	10	10	10
MAX PEAK GUST	1	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	1100	950	950	1350	700	650	650	1100	1100	900	950	1000 1350
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (ENBD)													
CLD COVER	1	6	6	5	5	4	4	3	3	3	4	6	5
DAYS TSMS	1	0	0	0	1	6	8	8	6	2	1	0	32
DAYS FOG LT 7	1	23	18	22	16	10	11	11	9	12	20	23	201
DAYS ENBD LT 7	1	0	0	1	0	0	0	0	0	0	0	0	1

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	62	53	48	25	14	10	8	9	16	35	64	71	35
03-05 LST	64	60	54	32	19	17	12	10	20	39	62	73	38
06-08 LST	63	64	61	39	26	24	23	20	24	45	66	74	44
09-11 LST	66	67	65	37	9	19	15	12	23	50	75	78	44
12-14 LST	62	57	53	27		10	9	8	16	37	68	72	36
15-17 LST	58	49	41	20		7	5	7	9	30	64	71	31
18-20 LST	60	50	39	17	8	6	3	4	8	36	64	72	31
21-23 LST	59	53	39	22	10	6	6	5	13	37	61	69	32
ALL HOURS	62	57	50	27	15	12	10	9	16	39	65	73	36

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	55	46	40	23	11	9	7	8	14	31	56	62	30
03-05 LST	58	52	46	28	18	15	12	10	18	34	57	68	35
06-08 LST	56	57	56	36	25	22	21	20	22	38	61	71	40
09-11 LST	62	62	59	33	16	15	12	10	21	43	69	74	40
12-14 LST	57	52	44	19	7	4	4	3	9	27	62	66	30
15-17 LST	53	43	30	12	4	3	2	5	5	19	54	62	24
18-20 LST	54	45	29	12	4	5	2	3	6	30	56	62	26
21-23 LST	52	44	33	18	7	4	5	4	12	31	53	62	27
ALL HOURS	56	50	42	23	11	10	8	8	13	32	58	66	31

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	36	28	14	6	3	3	3	6	16	43	52	21
03-05 LST	44	38	33	20	12	7	5	5	9	19	43	57	24
06-08 LST	45	45	40	26	16	14	10	10	13	24	49	60	29
09-11 LST	46	52	45	22	9	6	4	5	11	26	50	64	28
12-14 LST	41	37	27	11	3	2	1	1	3	14	45	55	20
15-17 LST	35	28	18	6	1	1	1	2	2	10	36	47	16
18-20 LST	36	30	17	7	2	2	1	2	3	13	35	49	16
21-23 LST	37	33	20	9	3	1	1	2	4	15	40	50	18
ALL HOURS	40	37	29	14	6	5	3	4	6	17	43	54	22

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	10	6	1	1	#	1	#	0	2	10	18	5
03-05 LST	13	11	9	5	2	1	1	1	1	4	10	18	6
06-08 LST	15	15	10	6	5	3	2	3	2	6	12	20	8
09-11 LST	13	14	11	3	1	1	#	1	1	5	15	22	7
12-14 LST	8	6	4	1	#	0	0	#	#	1	10	16	4
15-17 LST	5	5	3	#	0	#	#	1	#	1	5	10	3
18-20 LST	7	7	2	1	1	0	0	#	0	1	9	11	3
21-23 LST	8	8	4	1	#	#	0	#	#	1	9	16	4
ALL HOURS	10	10	6	2	1	1	#	1	1	3	10	16	5

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ROSTOV

LOCATION: 47 15N 39 50E

PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 347310

ELEVATION (FEET): 253

PERIOD: 7301-8612

ICAO: URRR

LST = GMT + 4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	1	1	2	2	#	0	0	0	1
03-05 LST	0	0	0	0	1	1	3	2	0	0	0	0	1
06-08 LST	0	0	0	0	#	2	1	#	1	#	0	0	#
09-11 LST	#	#	0	0	#	1	#	1	1	0	0	#	#
12-14 LST	0	0	0	#	1	2	1	1	#	#	0	0	#
15-17 LST	0	0	0	#	4	6	4	1	0	#	0	0	1
18-20 LST	0	0	0	#	4	5	4	2	1	#	#	0	1
21-23 LST	0	#	0	0	3	3	3	2	#	#	0	0	1
ALL HOURS	#	#	0	#	2	3	2	1	#	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	6	7	10	8	2	3	5	5	5	11	14	7
03-05 LST	6	5	6	13	8	2	4	4	5	6	11	13	7
06-08 LST	8	7	7	12	7	5	4	3	6	4	10	15	7
09-11 LST	9	6	7	10	6	5	5	3	7	6	10	17	7
12-14 LST	10	7	4	7	8	5	4	5	3	6	11	11	7
15-17 LST	7	6	5	11	6	7	8	4	6	6	9	11	7
18-20 LST	8	6	6	10	7	7	5	4	7	5	9	9	7
21-23 LST	8	6	6	9	7	4	5	4	6	5	11	12	7
ALL HOURS	8	6	6	10	7	5	5	4	6	5	10	13	7

3. % FREQ SNOW AND/OR ICE PELLETS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	11	6	1	0	0	0	0	0	#	3	7	3
03-05 LST	13	11	7	1	0	0	0	0	0	1	3	10	4
06-08 LST	13	15	7	1	0	0	0	0	0	1	3	8	4
09-11 LST	14	16	9	1	0	0	0	0	0	#	6	11	5
12-14 LST	13	12	6	1	0	0	0	0	0	1	3	12	4
15-17 LST	10	9	4	#	0	0	0	0	0	1	4	9	3
18-20 LST	9	9	4	1	0	0	0	0	0	0	3	7	3
21-23 LST	9	14	4	0	0	0	0	0	0	#	4	8	3
ALL HOURS	12	12	6	1	0	0	0	0	0	1	3	9	4

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS): (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	9	7	2	#	1	#	1	1	2	2	2	3
03-05 LST	6	9	8	1	0	0	0	0	#	1	2	3	3
06-08 LST	6	7	7	2	1	#	0	0	0	2	3	2	2
09-11 LST	8	9	8	2	1	1	#	#	1	3	1	2	3
12-14 LST	8	12	8	6	4	1	2	1	3	4	2	3	5
15-17 LST	10	13	10	8	4	2	3	1	4	5	2	4	5
18-20 LST	6	10	9	4	1	1	#	1	1	2	2	4	4
21-23 LST	7	8	7	1	1	#	0	1	#	1	1	2	3
ALL HOURS	7	10	8	3	2	1	1	1	1	3	2	3	3

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	33	26	14	6	2	3	2	6	15	38	49	19
03-05 LST	40	34	31	19	11	7	5	5	9	19	40	52	23
06-08 LST	40	40	38	25	15	14	10	10	13	23	45	56	27
09-11 LST	44	48	43	20	8	5	4	5	10	24	48	60	27
12-14 LST	36	34	25	8	3	2	1	1	3	13	42	51	18
15-17 LST	31	27	16	5	1	1	1	2	2	7	29	42	14
18-20 LST	32	28	16	7	1	2	1	2	2	13	32	45	15
21-23 LST	34	31	19	8	3	1	1	2	4	14	36	47	17
ALL HOURS	37	34	27	13	6	4	3	4	6	16	39	50	20

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	24	18	9	3	#	2	1	2	10	25	37	13
03-05 LST	30	26	23	14	6	3	3	3	5	14	27	40	16
06-08 LST	32	30	26	16	11	10	6	7	7	17	30	44	20
09-11 LST	32	37	30	13	4	2	2	3	4	16	35	49	19
12-14 LST	25	25	16	4	1	1	1	1	1	7	26	37	12
15-17 LST	19	17	10	3	0	1	#	2	#	3	17	30	9
18-20 LST	21	18	11	4	1	0	0	1	1	5	20	32	10
21-23 LST	24	23	14	5	1	1	1	1	1	10	25	33	11
ALL HOURS	26	25	18	9	3	2	2	2	3	10	25	38	14

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	18	10	3	1	#	1	#	1	5	15	24	8
03-05 LST	18	17	12	8	4	1	1	2	2	7	15	27	10
06-08 LST	20	22	17	10	7	6	3	5	3	11	18	31	13
09-11 LST	22	25	19	7	1	1	1	2	2	10	22	35	12
12-14 LST	15	13	8	2	0	0	0	#	#	3	18	26	7
15-17 LST	8	9	5	1	0	#	#	1	#	1	10	18	5
18-20 LST	11	11	6	1	1	0	0	0	0	2	13	20	5
21-23 LST	13	15	7	2	#	1	0	#	#	4	16	23	7
ALL HOURS	16	16	11	4	2	1	1	1	1	5	16	26	8

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	6	3	1	#	0	0	#	0	1	6	9	3
03-05 LST	7	7	5	3	1	1	#	#	1	3	6	11	4
06-08 LST	9	9	7	4	4	1	1	2	1	4	9	15	6
09-11 LST	9	9	8	1	#	0	#	1	#	4	10	14	5
12-14 LST	5	4	2	1	0	0	0	#	#	#	5	11	2
15-17 LST	3	2	1	0	0	0	0	1	0	#	3	7	1
18-20 LST	4	2	1	1	#	#	0	#	0	1	5	7	2
21-23 LST	5	4	2	#	#	0	0	#	#	#	5	10	2
ALL HOURS	6	6	4	1	1	#	#	1	#	2	6	10	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: RUBTSOVSK, USSR
 LOCATION: 5130N, 8113E
 PREPARED BY: USAFETAC/ECR, NOV 1988

STATION #: 360340
 ELEVATION (FEET): 215
 PERIOD: 7301-8612

ICAO ID: N/A
 LST = GMT + 6

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	41	41	62	82	98	100	102	93	90	77	61	48	102
MEAN DLY MAX	1	10	12	25	48	65	76	78	74	64	45	28	14	45
MEAN	1	4	5	18	40	55	67	69	64	54	39	22	8	37
MEAN DLY MIN	1	-3	-4	8	29	42	54	57	52	42	31	14	1	27
EXTREME MIN	1	-47	-41	-30	-10	19	35	42	32	23	0	-45	-45	-47
# DAYS > 90	1	0	0	0	0	#	2	3	1	#	0	0	0	6
# DAYS < 32	1	31	28	30	19	4	0	0	#	1	18	28	31	190
# DAYS ≤ 0	1	19	17	11	1	0	0	0	0	0	#	5	15	68
2. PRECIPITATION (INCHES)														
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	2	5.4	5.9	7.0	7.8	12.9	15.2	17.6	14.3	10.5	12.5	12.5	9.0	130.2
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.04	1	10	8	7	5	5	5	5	5	5	8	10	9	82
# DAYS ≤ 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.1	1	9	7	6	1	#	0	0	0	#	2	6	8	40
# DAYS ≤ 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)														
RH (06 LST)	1	80	81	87	85	77	80	87	89	86	84	82	80	83
RH (18 LST)	1	74	73	72	52	41	42	47	44	46	58	71	75	58
VAPOR PRESS	1	.05	.05	.09	.17	.25	.39	.46	.39	.27	.18	.10	.06	.21
DEWPOINT	1	-1	0	13	28	35	51	55	51	41	30	16	3	27
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	S	SSW	SSW	S	S	NNE	N	NNE	S	S	S	S	S
MEAN SPEED														
(PVLG DRCTN)	1	17	14	13	13	13	11	7	8	11	14	16	16	13
MEAN SPEED														
(ALL OBS)	1	11	11	10	10	11	9	7	8	8	11	12	11	10
MAX (PK GST)		#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1800	1700	1750	2050	2050	2200	2100	2050	2050	2050	1950	1650	2200
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	5	5	5	5	4	4	6	6	5	5
DAYS TSMS	1	0	#	#	#	2	6	8	4	1	0	0	0	21
DAYS FOG < 7	1	5	4	7	3	1	1	1	1	1	3	3	5	36
DAYS BNBD < 7	1	0	0	#	#	1	#	#	#	#	#	0	0	3
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DICTN
 * = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301 - 8612
 2. Climatic Handbook of USSR Vol 20
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	19	17	25	15	15	10	10	12	13	28	30	25	18
06-08 LST	26	20	32	26	20	13	15	17	19	31	30	29	23
09-11 LST	44	43	44	24	18	11	12	12	17	32	41	38	28
12-14 LST	28	31	29	26	21	12	14	17	19	33	31	29	24
15-17 LST	22	22	19	26	20	11	15	13	17	33	33	23	21
18-20 LST	18	18	15	17	17	13	10	8	13	27	28	18	17
21-23 LST	17	16	16	11	14	12	9	12	13	22	31	24	16
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	13	10	17	7	3	2	2	2	3	9	16	14	8
06-08 LST	16	13	24	17	9	6	8	8	8	15	17	16	13
09-11 LST	37	40	40	16	9	4	5	7	12	22	29	31	21
12-14 LST	26	28	23	13	5	2	2	6	8	16	24	24	15
15-17 LST	20	20	13	9	5	2	2	3	3	11	20	17	11
18-20 LST	12	15	10	5	4	3	3	2	3	10	15	11	8
21-23 LST	11	10	9	4	3	2	1	1	3	8	16	13	7
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	8	13	3	2	1	1	1	1	6	11	10	5
06-08 LST	11	10	17	8	3	3	3	2	3	9	8	12	7
09-11 LST	16	15	19	7	4	2	1	4	4	12	14	16	10
12-14 LST	10	12	10	5	2	0	0	2	1	5	12	11	6
15-17 LST	10	8	5	4	2	#	1	#	#	5	10	8	4
18-20 LST	11	8	5	2	1	1	2	1	#	5	8	7	4
21-23 LST	8	8	7	2	1	1	#	#	1	4	9	9	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	4	4	9	1	0	1	#	1	#	3	4	7	3
06-08 LST	5	5	12	3	1	1	1	1	1	6	3	8	4
09-11 LST	7	6	6	#	#	1	#	1	1	4	6	7	3
12-14 LST	7	5	4	1	#	0	0	0	#	1	4	5	2
15-17 LST	4	4	2	1	0	#	1	#	0	#	5	2	2
18-20 LST	5	5	3	0	#	#	1	#	#	1	3	2	2
21-23 LST	4	4	3	1	#	#	#	#	1	2	3	5	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: RUBTSOVSK, USSR
LOCATION: 5130N, 8113E
PREPARED BY: USAFETAC/ECR, NOV 1988

STATION #: 360340
ELEVATION (FEET): 215
PERIOD: 7301-8612

ICAO ID: N/A
LST = GMT + 6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	0	#	#	3	0	0	0	0	0	#
06-08 LST	0	1	#	0	#	1	3	1	#	0	0	0	#
09-11 LST	0	0	#	0	0	1	#	1	0	0	0	#	#
12-14 LST	0	0	0	0	#	1	1	#	#	0	0	0	#
15-17 LST	0	#	0	#	#	2	3	1	1	0	#	0	1
18-20 LST	0	0	0	#	1	3	4	1	0	0	0	0	1
21-23 LST	0	0	#	0	#	2	3	1	#	0	#	#	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	#	1	3	5	4	4	6	5	7	4	1	3
06-08 LST	1	1	2	3	6	4	7	6	7	7	3	#	4
09-11 LST	1	#	1	5	7	5	6	5	7	9	2	1	4
12-14 LST	0	0	1	4	8	6	5	4	7	7	2	1	4
15-17 LST	0	#	0	5	8	5	6	3	5	7	4	0	4
18-20 LST	0	#	1	5	5	6	5	5	5	8	4	#	4
21-23 LST	#	1	1	3	5	4	7	6	7	6	4	1	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	23	21	16	3	1	0	0	0	0	5	19	21	9
06-08 LST	27	25	19	5	1	0	0	0	0	7	19	22	10
09-11 LST	23	31	21	5	1	0	0	0	#	8	23	21	11
12-14 LST	22	25	20	6	1	0	0	0	1	10	22	26	11
15-17 LST	20	19	13	4	1	0	0	0	0	8	19	19	9
18-20 LST	20	15	8	3	1	#	0	0	#	5	15	17	7
21-23 LST	21	19	10	3	1	0	0	0	#	5	19	22	8
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	5	4	2	4	1	#	0	1	5	8	7	4
06-08 LST	8	6	5	2	3	2	#	1	#	3	7	7	4
09-11 LST	9	9	5	2	5	3	#	#	1	5	8	7	5
12-14 LST	10	10	5	4	6	5	2	1	2	9	8	7	6
15-17 LST	9	8	6	5	8	6	2	1	1	7	8	7	6
18-20 LST	7	7	4	3	4	4	1	1	1	5	5	6	4
21-23 LST	6	5	4	2	3	2	#	1	1	5	7	7	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301 - 8612

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	8	12	3	1	1	1	1	1	6	11	10	5
06-08 LST	11	9	17	7	2	2	3	2	3	8	8	12	7
09-11 LST	14	15	18	4	2	1	1	3	3	12	14	15	9
12-14 LST	10	12	9	4	2	#	0	#	1	5	10	11	5
15-17 LST	10	8	4	3	1	#	1	#	#	3	9	8	4
18-20 LST	11	8	4	2	1	1	1	#	#	4	8	6	4
21-23 LST	8	8	7	2	1	1	#	#	1	4	9	8	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	8	12	3	1	1	1	1	#	5	8	10	5
06-08 LST	10	9	16	6	2	2	3	1	2	7	6	11	6
09-11 LST	13	14	16	4	2	1	#	2	2	10	13	14	8
12-14 LST	10	11	7	4	1	0	0	#	0	3	10	10	5
15-17 LST	10	8	4	2	1	#	1	#	0	2	8	7	4
18-20 LST	10	8	4	1	1	1	1	#	#	3	7	5	4
21-23 LST	8	8	6	2	#	1	#	#	1	3	8	8	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	6	9	2	0	1	1	1	#	4	6	8	4
06-08 LST	7	6	13	4	1	1	2	1	2	6	5	9	5
09-11 LST	10	8	8	1	1	1	#	2	1	7	9	10	5
12-14 LST	8	7	5	1	1	0	0	0	0	1	7	8	3
15-17 LST	7	6	2	1	#	#	1	#	0	1	6	4	2
18-20 LST	8	6	3	#	#	1	1	#	#	2	5	4	3
21-23 LST	6	6	4	1	#	#	#	#	1	2	6	7	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	4	4	9	1	0	1	0	0	#	3	4	6	3
06-08 LST	5	5	12	3	#	1	1	#	1	5	3	7	4
09-11 LST	5	4	4	0	0	1	0	#	#	4	4	5	2
12-14 LST	4	4	3	#	#	0	0	0	#	1	2	3	2
15-17 LST	3	3	2	0	0	#	1	#	0	#	3	2	1
18-20 LST	5	4	2	0	#	#	1	0	0	1	3	2	1
21-23 LST	4	4	3	1	#	#	#	#	#	2	3	5	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: RUDNAYA PRISTAN, USSR
LOCATION: 44°22'N, 135°52'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 319590
ELEVATION (FEET): 23
PERIOD: 7301-8612

ICAO ID: N/A
LST - GMT +10

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	47	56	64	71	90	90	97	93	85	81	62	45	97
MEAN DLY MAX	1	19	24	34	45	52	57	65	71	65	53	37	24	46
MEAN	1	12	16	28	38	46	52	61	65	58	44	29	16	39
MEAN DLY MIN	1	4	8	20	31	40	48	56	59	49	35	21	9	32
EXTREME MIN	1	-15	-17	0	10	30	36	42	39	27	14	-5	-12	-17
# DAYS > 90	1	0	0	0	0	#	#	#	#	0	0	0	0	#
# DAYS < 32	1	31	28	30	17	2	0	0	0	#	11	28	31	187
# DAYS < 0	1	10	5	#	0	0	0	0	0	0	0	#	4	20
2. PRECIPITATION (INCHES)														
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS W/ PRECIP	1	5	6	8	11	13	15	13	13	11	8	5	5	113
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS W/ SNOWFALL	1	5	5	7	4	1	1	#	#	#	1	3	4	31
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (04 LST)	1	47	53	61	77	83	93	94	89	86	58	58	51	72
RH (17 LST)	1	41	42	49	62	69	80	82	74	63	48	43	40	58
VAPOR PRESS	1	.04	.05	.09	.16	.23	.35	.48	.53	.37	.18	.09	.05	.22
DEWPOINT	1	-5	0	13	27	38	48	57	59	49	29	12	0	27
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	W	W	W	W	E	E	E	E	W	W	W	W	W
MEAN SPEED (PVLG DRCTN)	1	10	9	7	6	7	6	6	6	6	7	8	9	7
MEAN SPEED (ALL OBS)	1	9	8	6	5	5	4	4	5	5	6	7	8	6
MAX (PK GST)		#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	670	640	650	1050	1000	1000	1050	750	900	1010	850	800	1050
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	4	5	5	6	6	5	4	3	3	2	4
DAYS TSMS	1	#	#	#	#	1	2	1	1	2	1	#	#	9
DAYS FOG < 7	1	#	#	1	7	9	14	15	7	2	1	#	0	56
DAYS BNBD < 7	1	0	0	0	0	#	0	0	0	#	0	#	0	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, THREE HOURLY, JAN 73 - DEC 86
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	7	11	27	35	56	56	36	19	9	8	5	23
03-05 LST	7	9	12	29	35	54	59	37	19	10	7	5	24
06-08 LST	5	8	12	25	33	54	58	34	19	10	7	4	23
09-11 LST	7	7	14	25	35	56	56	33	18	12	7	4	23
12-14 LST	5	6	15	25	36	54	52	34	18	11	8	4	22
15-17 LST	6	7	12	26	33	54	47	34	17	11	6	5	22
18-20 LST	6	7	15	27	36	53	53	34	19	12	7	4	23
21-23 LST	7	6	14	28	36	57	56	36	21	11	7	6	24
ALL HOURS	6	7	13	26	35	55	54	35	19	11	7	5	23

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	7	10	25	31	47	49	30	14	7	6	5	20
03-05 LST	7	8	10	26	31	47	52	31	14	7	6	5	20
06-08 LST	5	7	10	22	28	45	53	28	14	6	5	4	19
09-11 LST	6	6	12	23	29	47	49	26	13	8	6	3	19
12-14 LST	5	5	13	22	28	43	44	25	12	7	7	3	18
15-17 LST	6	7	11	23	28	42	40	27	13	7	5	4	19
18-20 LST	5	7	14	24	32	42	44	28	13	9	5	4	19
21-23 LST	7	5	12	25	31	48	50	28	15	9	5	5	20
ALL HOURS	6	6	12	24	30	45	48	28	13	7	6	4	19

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	5	19	22	36	39	21	9	4	3	3	14
03-05 LST	5	4	6	18	23	36	44	22	9	4	3	3	15
06-08 LST	3	4	6	15	22	37	44	19	8	4	3	2	14
09-11 LST	3	2	7	17	22	36	39	18	7	4	3	2	13
12-14 LST	3	3	7	15	20	33	34	17	8	2	4	1	12
15-17 LST	4	4	6	17	20	34	31	20	7	4	3	2	13
18-20 LST	3	4	10	19	24	34	34	18	7	6	4	2	14
21-23 LST	5	3	9	19	24	37	39	20	8	5	2	3	14
ALL HOURS	4	3	7	17	22	35	38	19	8	4	3	2	14

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	2	9	14	24	23	11	2	1	0	1	7
03-05 LST	1	0	1	10	15	23	26	13	2	1	#	1	8
06-08 LST	#	0	1	9	12	26	26	9	3	1	0	1	7
09-11 LST	0	0	2	8	11	25	25	9	1	1	#	#	7
12-14 LST	#	#	2	8	12	19	21	9	2	1	1	#	6
15-17 LST	1	#	2	7	10	18	17	10	2	2	1	#	6
18-20 LST	0	#	3	8	12	20	21	9	2	2	1	#	7
21-23 LST	#	#	4	9	15	26	24	9	2	1	1	#	8
ALL HOURS	1	#	2	9	13	23	23	10	2	1	1	#	7

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: RUDNAYA PRISTAN, USSR
 LOCATION: 44°22'N, 135°52'E
 PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 319590
 ELEVATION (FEET): 23
 PERIOD: 7301-8612

ICAO ID: N/A
 LST - GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	0	#	#	#	0	0	#	0	#
03-05 LST	#	0	0	0	0	0	0	#	0	#	0	0	#
06-08 LST	0	0	#	0	0	1	0	0	0	#	0	0	#
09-11 LST	0	0	0	0	0	0	#	#	#	0	#	#	#
12-14 LST	0	#	0	0	0	1	#	#	0	#	0	0	#
15-17 LST	0	0	0	0	#	1	1	0	1	#	0	#	#
18-20 LST	0	0	0	0	#	0	#	0	1	0	0	#	#
21-23 LST	#	0	0	#	#	1	#	1	#	#	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	5	10	13	10	11	8	4	2	1	5
03-05 LST	#	#	#	6	12	15	12	11	7	4	2	1	6
06-08 LST	#	0	#	6	10	15	12	10	9	6	2	#	6
09-11 LST	#	0	#	5	8	15	11	9	10	4	1	1	5
12-14 LST	#	#	#	6	7	15	10	8	7	4	2	#	5
15-17 LST	0	0	0	5	7	12	9	8	8	4	2	0	5
18-20 LST	#	#	#	5	9	10	7	8	8	5	3	1	5
21-23 LST	#	0	0	7	8	10	8	9	7	5	2	1	5
ALL HOURS	#	#	#	5	9	13	10	9	8	4	2	1	5

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	5	7	3	#	#	0	0	0	#	3	3	2
03-05 LST	5	7	7	3	#	0	0	0	#	#	4	3	2
06-08 LST	4	6	7	3	1	1	0	0	0	1	3	3	2
09-11 LST	6	7	8	5	1	0	0	0	0	#	4	3	3
12-14 LST	5	5	9	4	#	0	0	0	0	#	4	3	3
15-17 LST	5	6	7	4	0	0	0	0	0	#	3	3	2
18-20 LST	4	5	9	4	#	0	0	0	#	0	2	3	2
21-23 LST	6	5	6	3	0	0	0	0	0	#	1	4	2
ALL HOURS	5	6	8	4	# # 0	0	0	#	#	3	3	2	

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	#	0	#	0	0	#	0	#	0	#	#
03-05 LST	2	1	#	#	0	#	0	#	0	1	0	1	1
06-08 LST	1	#	#	1	0	#	0	#	#	0	1	1	#
09-11 LST	1	1	#	#	#	#	#	#	#	#	0	#	#
12-14 LST	#	#	#	#	#	0	0	#	0	#	#	#	#
15-17 LST	#	#	#	0	#	0	0	#	0	#	#	#	#
18-20 LST	1	1	1	1	#	0	#	0	#	#	#	#	#
21-23 LST	1	1	0	#	#	0	1	#	0	#	0	0	#
ALL HOURS	1	1	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, THREE HOURLY, JAN 73 - DEC 80
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	5	17	20	32	35	17	5	3	2	2	12
03-05 LST	5	3	5	16	21	31	39	18	6	3	2	3	13
06-08 LST	3	4	5	13	20	33	39	15	6	2	2	2	12
09-11 LST	3	2	6	14	18	33	33	14	4	2	2	2	11
12-14 LST	4	3	6	13	18	29	31	14	4	2	4	1	11
15-17 LST	4	4	6	15	17	31	27	17	5	3	3	2	11
18-20 LST	3	4	9	14	22	30	32	15	5	4	3	2	12
21-23 LST	5	3	8	17	22	35	34	16	6	4	2	2	13
ALL HOURS	4	3	6	15	20	32	34	16	5	3	2	2	12

6. % FREQ OF CIG/VIS < 500/1.5 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	2	5	13	15	27	26	13	3	2	2	2	10
03-05 LST	5	3	5	12	16	26	30	13	4	3	2	3	10
06-08 LST	3	3	4	10	14	29	31	11	4	2	2	2	10
09-11 LST	3	2	5	10	13	27	27	10	3	2	2	2	9
12-14 LST	3	3	6	10	14	22	24	11	3	2	3	1	9
15-17 LST	4	4	5	10	12	23	20	11	3	2	2	2	8
18-20 LST	3	4	9	11	15	25	24	10	4	3	3	2	9
21-23 LST	5	2	7	12	17	29	28	12	4	2	1	2	10
ALL HOURS	4	3	6	11	15	26	26	11	3	2	2	2	9

7. % FREQ OF CIG/VIS < 300/1 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	11	14	25	24	11	2	2	0	1	8
03-05 LST	2	0	2	10	15	24	27	13	3	2	#	1	8
06-08 LST	1	0	1	9	12	26	27	10	3	1	0	1	8
09-11 LST	#	#	2	9	12	25	25	10	1	1	#	#	7
12-14 LST	1	#	2	9	12	20	21	10	2	1	2	#	7
15-17 LST	2	#	2	8	11	20	17	10	2	2	1	1	6
18-20 LST	#	1	3	9	13	21	21	9	2	3	1	1	7
21-23 LST	1	#	4	10	15	26	24	10	3	2	1	1	8
ALL HOURS	1	#	2	9	13	23	23	10	2	2	1	1	7

8. % FREQ OF CIG/VIS < 100/0.25 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	2	9	13	22	21	11	1	1	#	#	7
03-05 LST	1	0	1	9	13	20	23	11	1	1	#	#	7
06-08 LST	0	0	#	8	11	24	21	8	3	1	0	#	6
09-11 LST	0	0	1	7	10	19	19	7	1	1	#	0	5
12-14 LST	#	0	1	6	9	13	11	7	1	1	0	0	4
15-17 LST	#	#	2	6	7	12	11	7	2	2	1	#	4
18-20 LST	0	#	3	7	11	16	16	7	2	2	1	#	6
21-23 LST	#	0	4	9	14	25	22	8	1	1	1	#	7
ALL HOURS	#	#	2	8	11	19	19	8	2	1	#	#	6

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: RUSSKAYA GAVAN, USSR
 LOCATION: 7611N, 6334E
 PREPARED BY: USAFETAC/ECR, DEC 1988

STATION #: 203570
 ELEVATION (FEET): 9
 PERIOD: 7301-8612

ICAO ID: N/A
 LST = GMT +3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1	33	33	35	50	40	58	73	71	58	51	37	34	73
MEAN DLY MAX 1	5	4	8	11	23	35	42	41	36	26	17	9	21
MEAN 1	0	-1	3	6	20	33	39	38	34	23	13	5	18
MEAN DLY MIN 1	-4	-6	-2	1	15	29	35	35	31	19	9	0	14
EXTREME MIN 1	-35	-46	-30	-24	-8	-3	27	21	18	-25	-21	-28	-46
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	30	31	23	10	9	18	30	30	31	302
# DAYS ≤ 0 1	20	20	19	15	1	#	0	0	0	1	7	17	100
2. PRECIPITATION (INCHES)													
MAXIMUM 4	#	#	#	#	#	23	32	37	34	#	#	#	#
MEAN 3	0.4	0.2	0.2	0.4	0.4	0.8	1.1	1.4	2.0	1.4	0.8	0.4	9.5
MINIMUM 4	#	#	#	#	#	11	11	11	11	#	#	#	#
MAX 24 HR 4	#	#	#	#	#	11	11	11	11	#	#	#	#
# DAYS > 0.04 2	13	8	10	11	12	10	14	16	14	18	14	11	151
# DAYS ≤ 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.1	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS ≤ 1.5	#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (03 LST) 1	75	73	75	76	80	84	86	87	81	77	75	76	79
RH (18 LST) 1	75	73	73	75	78	82	84	85	82	79	76	77	78
VAPOR PRESS 1	.04	.04	.05	.05	.09	.16	.20	.20	.16	.10	.07	.05	.10
DEWPOINT 1	-5	-6	-2	0	14	28	34	34	28	17	7	0	12
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCN 1	S	\$S	\$S	\$S	\$W	W	\$W	\$W	S	S	S	S	\$S
MEAN SPEED (PVLG DRCN) 1	23	21	22	21	14	15	15	13	17	15	16	19	18
MEAN SPEED (ALL OBS) 1	15	13	13	10	10	10	8	8	12	13	15	14	12
MAX (PK GST) 1	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT 1	1570	1350	1600	1050	1250	800	900	1120	1250	1530	1550	1650	1650
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	5	5	5	6	7	6	7	7	6	6	5	6
DAYS TSMS 1	#	0	#	#	#	0	0	0	#	#	0	#	4
DAYS FOG < 7 1	#	#	#	1	2	6	11	9	3	#	#	#	32
DAYS BNBD < 7 1	#	0	#	#	#	0	#	0	#	#	#	#	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCN
 * = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2. NIS 26 SECTION 23
 3. NIS 26 SECTION 23, ARTIC REGION
 4. WORLD SURVEY OF CLIMATOLOGY, VOL 17, ARTIC REGION

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	31	29	35	32	54	63	56	57	51	44	39	36	44
06-08 LST	34	32	40	26	53	60	49	57	46	44	36	36	43
09-11 LST	36	34	35	32	53	58	51	61	48	46	42	37	44
12-14 LST	34	32	35	33	51	55	50	59	48	45	46	36	44
15-17 LST	34	30	35	30	56	56	50	59	47	46	40	38	44
18-20 LST	33	29	35	33	59	56	51	63	48	48	42	35	44
21-23 LST	31	28	31	33	56	61	55	59	46	44	38	36	43
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	24	22	24	22	32	39	43	43	27	23	26	22	29
06-08 LST	27	20	19	18	29	33	33	37	29	32	21	23	28
09-11 LST	26	27	26	24	28	38	38	43	23	27	26	22	29
12-14 LST	27	26	26	24	33	36	38	40	25	30	27	24	30
15-17 LST	26	25	26	21	32	37	36	40	25	29	25	23	29
18-20 LST	26	25	28	24	36	34	36	45	29	28	24	22	30
21-23 LST	24	22	22	23	35	36	41	42	23	25	22	24	28
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	16	14	14	9	10	17	29	24	12	8	11	10	14
06-08 LST	19	10	10	6	12	16	22	23	14	12	11	12	14
09-11 LST	16	13	14	11	10	14	23	22	12	9	10	10	14
12-14 LST	15	15	17	11	12	15	21	22	9	11	10	10	14
15-17 LST	16	14	16	10	11	15	21	19	10	11	12	11	14
18-20 LST	16	14	14	11	13	16	22	24	12	11	12	11	15
21-23 LST	15	15	13	11	14	16	26	24	10	9	11	13	15
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	5	4	5	1	1	3	7	3	1	#	3	2	3
06-08 LST	5	4	4	0	1	3	5	3	1	0	4	2	3
09-11 LST	5	3	3	2	1	3	3	4	1	#	2	1	2
12-14 LST	4	4	6	2	1	3	3	3	2	#	2	2	2
15-17 LST	5	3	4	3	1	3	3	1	1	#	3	1	2
18-20 LST	4	4	5	1	1	3	2	3	1	1	3	1	2
21-23 LST	4	5	5	2	2	3	5	4	2	#	3	2	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: RUSSKAYA GAVAN, USSR
LOCATION: 7611N, 6334E
PREPARED BY: USAFETAC/ECR, DEC 1988

STATION #: 203570
ELEVATION (FEET): 9
PERIOD: 7301-8612

ICAO ID: N/A
LST = GMT +3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	#	1	0	0	0	0	0	0	0	0	#	#
09-11 LST	#	0	#	#	0	0	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	#	0	0	0	0	#	0	1	#
15-17 LST	#	0	0	0	#	0	0	0	#	0	0	0	#
18-20 LST	1	#	#	0	0	0	0	0	0	0	0	0	#
21-23 LST	0	#	0	#	#	#	0	0	#	#	#	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	#	#	#	0	4	14	15	7	1	#	#	3
06-08 LST	#	#	1	0	0	4	7	13	5	#	#	0	3
09-11 LST	#	#	#	#	#	4	8	13	7	1	#	0	3
12-14 LST	0	0	#	0	0	2	9	13	8	1	1	0	3
15-17 LST	0	#	#	0	1	4	8	16	8	2	1	0	3
18-20 LST	0	1	1	0	1	3	8	15	11	2	1	1	4
21-23 LST	#	#	#	#	#	3	13	15	8	2	1	#	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	21	22	27	21	35	23	5	6	13	30	28	29	22
06-08 LST	17	25	22	23	32	14	4	5	12	23	24	22	19
09-11 LST	19	21	17	18	29	18	7	7	14	25	20	26	18
12-14 LST	15	19	18	19	32	15	5	6	10	27	23	28	18
15-17 LST	20	20	21	20	32	16	7	7	11	27	25	30	20
18-20 LST	21	21	19	24	32	17	5	5	16	31	28	27	21
21-23 LST	21	22	24	22	33	19	7	4	13	30	24	29	21
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	26	18	17	11	7	7	4	3	8	13	17	17	12
06-08 LST	25	17	16	9	7	7	4	3	12	14	16	17	12
09-11 LST	24	20	20	15	7	9	5	4	12	13	16	18	13
12-14 LST	25	21	22	14	9	7	6	4	12	12	17	16	14
15-17 LST	25	20	21	12	8	9	5	3	11	10	16	15	13
18-20 LST	24	21	17	12	7	9	5	4	9	11	18	15	13
21-23 LST	24	19	19	11	7	7	4	3	10	10	19	16	12
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	15	14	14	8	9	15	25	21	10	7	11	10	13
06-08 LST	19	10	10	5	11	14	19	18	13	9	11	12	13
09-11 LST	16	12	14	10	10	13	20	19	10	9	9	9	13
12-14 LST	15	15	17	10	11	13	19	19	8	10	9	10	13
15-17 LST	15	14	16	10	11	13	19	17	9	10	11	11	13
18-20 LST	16	14	14	10	12	14	20	19	10	9	12	11	13
21-23 LST	15	15	13	11	13	14	23	20	9	8	11	13	14
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	12	11	12	5	5	9	14	10	5	4	8	7	9
06-08 LST	12	9	8	3	6	7	10	9	5	5	8	7	8
09-11 LST	12	11	10	7	5	7	11	10	6	5	7	7	8
12-14 LST	11	12	11	6	6	6	9	7	4	5	8	8	8
15-17 LST	11	11	12	8	5	6	10	7	4	6	8	8	8
18-20 LST	14	10	12	8	7	8	9	8	6	5	10	8	9
21-23 LST	12	12	11	8	7	7	13	11	5	3	7	8	9
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	8	8	7	4	3	5	9	5	2	2	5	3	5
06-08 LST	7	7	5	1	3	4	6	5	2	2	6	3	4
09-11 LST	9	6	7	4	2	3	5	4	2	2	4	3	4
12-14 LST	8	8	8	4	1	3	4	3	2	3	4	4	5
15-17 LST	8	6	9	5	2	3	5	2	1	3	5	4	4
18-20 LST	9	6	7	4	4	3	5	4	3	3	5	5	5
21-23 LST	8	9	7	4	4	4	7	6	3	1	5	5	5
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	4	3	3	#	#	1	1	1	1	0	3	1	1
06-08 LST	4	2	3	0	0	2	1	1	1	0	2	1	1
09-11 LST	4	2	1	1	#	#	1	1	1	#	1	1	1
12-14 LST	3	3	3	1	1	#	1	0	1	#	1	1	1
15-17 LST	3	3	2	1	#	0	1	0	1	#	1	#	1
18-20 LST	3	2	4	#	#	1	1	1	1	0	3	1	1
21-23 LST	3	3	1	1	1	1	2	1	1	#	3	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SARANSK, USSR
LOCATION: 5411N 4512E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 277600
ELEVATION (FEET): 659
PERIOD: 7301-8612

ICAO: M/A
LST = GMT +3

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	34	34	46	74	78	90	86	80	76	68	42	36	90
MEAN DAILY MAX	14	18	30	52	64	71	72	66	61	43	30	24	45
MEAN	9	14	25	45	57	63	64	60	53	37	27	20	40
MEAN DAILY MIN	4	8	20	38	48	53	56	52	44	31	23	15	33
EXTREME MIN	-22	-32	0	24	34	42	45	36	25	12	6	-10	-32
# DAYS GE 90	0	0	0	0	0	1	0	0	0	0	0	0	1
# DAYS LE 32	31	28	25	9	0	0	0	0	3	18	22	31	167
# DAYS LE 0	13	9	1	0	0	0	0	0	0	0	0	4	27
2. PRECIPITATION (INCHES)													
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MINIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	17	14	10	5	9	7	10	9	5	12	15	16	129
# DAYS GE 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	15	12	7	1	0	0	0	0	0	5	10	12	62
# DAYS GE 1.5	#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (6 LST)	84	84	87	81	76	76	85	88	85	84	89	85	84
RH (15 LST)	81	79	76	53	46	44	53	54	48	65	84	82	66
VAPOR PRESS	.07	.09	.12	.21	.28	.35	.42	.38	.28	.17	.14	.10	.22
DEWPOINT	5	10	20	34	42	48	53	50	42	29	24	16	31
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	S	S	SSW	SSW	\$S \$NNE	\$W	\$W	\$SSW	S	SSW	SE	\$SSW	
MEAN SPEED													
(PVLG DRCTN)	12	13	11	13	10	7	8	9	7	11	12	11	10
MEAN SPEED													
(ALL OBS)	9	10	9	9	7	6	6	6	7	9	11	12	8
MAX PEAK GUST	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1850	1450	1000	1100	1250	1200	1100	1150	950	1300	1200	1400	1850
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	6	6	6	5	5	5	5	5	4	6	7	7	6
DAYS TSMS	0	#	#	#	4	6	7	3	1	0	#	#	23
DAYS FOG LT 7	19	18	16	14	11	9	17	13	16	15	16	17	181
DAYS BNBD LT 7	0	0	#	#	0	0	0	#	0	0	#	0	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE † = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE ‡ = % CALM GT PVLGM DRCTN
 § = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	57	64	42	20	17	10	18	20	16	45	73	70	38
06-08 LST	62	72	55	41	31	14	33	47	37	48	77	73	49
09-11 LST	76	78	64	44	22	17	30	38	28	57	82	76	51
12-14 LST	60	62	57	30	20	13	22	30	28	54	76	68	43
15-17 LST	59	56	51	27	17	10	15	20	10	52	71	59	37
18-20 LST	55	57	44	21	16	5	14	12	6	42	66	61	33
21-23 LST	60	57	45	17	18	6	10	12	8	36	74	61	34
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	48	56	32	17	15	8	12	17	11	31	56	51	30
06-08 LST	56	63	48	40	29	13	33	46	31	42	62	59	43
09-11 LST	75	77	59	40	19	14	24	33	25	49	73	65	46
12-14 LST	54	60	48	25	9	4	10	15	11	40	66	60	34
15-17 LST	57	49	42	17	11	4	10	10	3	35	63	56	30
18-20 LST	47	51	37	18	9	2	9	7	3	34	55	46	27
21-23 LST	53	49	30	13	14	3	7	12	6	22	58	48	26
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	35	36	23	14	11	4	8	9	6	24	46	39	21
06-08 LST	43	44	37	28	21	8	19	30	17	29	46	39	30
09-11 LST	54	63	39	22	7	5	14	26	16	38	57	47	32
12-14 LST	41	43	23	11	3	0	3	7	4	25	46	43	21
15-17 LST	42	29	22	9	2	1	0	6	0	22	41	35	18
18-20 LST	34	32	22	10	5	1	4	6	1	20	36	29	17
21-23 LST	34	30	19	10	8	2	5	6	2	20	39	36	17
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	6	5	3	3	1	0	1	1	1	2	6	4	3
06-08 LST	14	6	7	8	1	0	3	4	6	4	4	4	5
09-11 LST	10	7	3	3	0	0	0	1	0	5	7	8	4
12-14 LST	4	4	3	0	0	0	1	0	0	1	3	5	2
15-17 LST	3	3	1	1	0	0	0	0	0	0	5	3	1
18-20 LST	3	3	1	1	0	0	0	1	1	1	3	2	1
21-23 LST	4	8	1	1	0	0	1	0	0	4	9	4	3
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SARANSK, USSR
LOCATION: 5411N 4512E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 277600
ELEVATION (FEET): 659
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	1	2	1	1	0	0	0	0
06-08 LST	0	0	0	0	0	1	0	0	0	0	0	0	0
09-11 LST	0	1	1	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	3	7	4	1	0	0	0	1	1
18-20 LST	0	0	0	0	3	6	5	1	0	0	0	0	1
21-23 LST	0	0	0	0	2	1	0	4	1	0	0	0	1
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	2	4	2	5	7	5	12	11	5	13	9	3	6
06-08 LST	3	3	4	5	14	4	11	13	11	14	8	7	8
09-11 LST	5	5	2	8	11	5	14	12	7	11	7	3	7
12-14 LST	1	4	2	5	7	7	9	11	4	7	9	3	6
15-17 LST	3	3	3	5	7	11	14	10	4	8	4	6	7
18-20 LST	2	5	3	7	12	9	9	10	2	11	9	5	7
21-23 LST	1	3	3	9	14	6	9	5	7	12	9	3	7
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	38	25	15	3	1	0	0	0	0	11	24	30	12
06-08 LST	34	41	18	6	2	0	0	0	0	13	24	34	14
09-11 LST	35	46	24	4	0	0	0	0	1	16	30	29	15
12-14 LST	35	35	17	2	2	0	0	0	0	13	25	39	14
15-17 LST	39	31	17	3	2	0	0	0	0	15	28	30	14
18-20 LST	33	23	15	1	1	0	0	0	0	13	25	25	11
21-23 LST	34	31	12	1	1	0	0	0	0	9	22	30	12
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	2	3	2	4	0	0	1	0	0	3	2	2	1
06-08 LST	3	1	2	1	1	0	0	0	1	3	2	5	2
09-11 LST	0	1	0	3	0	0	0	0	0	4	1	5	1
12-14 LST	3	2	1	9	3	0	0	0	0	3	2	8	3
15-17 LST	2	1	2	10	1	1	0	0	1	1	5	7	3
18-20 LST	3	5	1	2	0	2	0	0	0	2	3	3	2
21-23 LST	4	1	2	2	1	0	1	0	0	4	5	4	2
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	31	29	16	13	8	4	7	9	5	21	40	30	18
06-08 LST	37	40	28	25	20	6	18	29	15	26	37	33	26
09-11 LST	48	60	37	19	4	2	10	22	16	36	44	37	28
12-14 LST	38	39	20	9	1	0	1	6	2	20	39	34	17
15-17 LST	39	28	19	8	0	0	0	5	0	19	33	31	15
18-20 LST	31	28	18	7	2	0	2	5	1	15	31	21	13
21-23 LST	27	22	15	7	4	1	5	5	1	16	35	28	14
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	18	16	6	7	2	0	3	5	2	11	21	13	9
06-08 LST	22	22	15	18	9	1	7	15	10	17	21	18	15
09-11 LST	26	35	17	11	1	2	0	8	6	26	25	24	15
12-14 LST	19	21	9	4	0	0	1	4	0	9	21	19	9
15-17 LST	14	13	8	5	0	0	0	3	0	11	19	13	7
18-20 LST	14	13	4	7	1	0	0	3	1	5	13	12	6
21-23 LST	13	13	5	3	2	0	1	3	0	8	22	10	7
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	7	5	5	1	0	2	2	1	5	11	9	5
06-08 LST	18	12	11	13	2	0	4	10	9	8	13	10	9
09-11 LST	20	18	9	5	0	1	0	2	1	14	18	12	8
12-14 LST	11	9	5	1	0	0	1	0	0	3	10	8	4
15-17 LST	7	8	4	1	0	0	0	1	0	5	11	9	4
18-20 LST	7	3	2	2	1	0	0	1	1	3	6	6	3
21-23 LST	10	9	4	1	0	0	1	1	0	5	14	6	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	5	4	2	3	1	0	0	1	1	2	5	0	2
06-08 LST	8	2	3	5	1	0	2	1	5	3	1	0	3
09-11 LST	5	2	3	3	0	0	0	0	0	3	5	6	2
12-14 LST	4	2	2	0	0	0	1	0	0	0	2	3	1
15-17 LST	2	1	1	1	0	0	0	0	0	0	4	3	1
18-20 LST	3	3	1	1	0	0	0	0	1	0	2	2	1
21-23 LST	2	5	1	1	0	0	1	0	0	3	6	2	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SARAPUL-IN-UDMUNT, USSR
LOCATION: 5627N 5347E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 284181
ELEVATION (FEET): 325
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	34	37	42	77	85	90	90	88	67	46	39	90
MEAN DAILY MAX	1	12	13	28	47	63	70	73	69	58	40	27	43
MEAN	1	7	7	21	40	54	62	65	61	51	35	23	37
MEAN DAILY MIN	1	0	0	13	31	41	50	54	50	42	30	18	28
EXTREME MIN	1	-40	-43	-26	4	24	33	42	35	27	4	-17	-43
# DAYS GE 90	1	0	0	0	0	0	1	0	0	0	0	0	1
# DAYS LE 32	1	31	28	30	16	5	0	0	3	19	27	31	190
# DAYS LE 0	1	15	14	6	0	0	0	0	0	0	2	10	47
2. PRECIPITATION (INCHES)													
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1.0	0.8	0.6	0.8	1.6	2.1	2.4	2.1	1.6	1.5	1.4	17.1
MINIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 0.004	1	16	12	9	6	5	7	7	6	8	13	15	118
# DAYS GE 0.5		0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN		0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0
# DAYS SNOWFALL	1	16	12	7	2	0	0	0	0	5	11	13	66
# DAYS GE 1.5		0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (5 LST)	1	82	82	84	83	80	86	91	89	87	86	85	85
RH (17 LST)	1	79	74	69	57	42	51	53	54	60	72	80	64
VAPOR PRESS	1	.06	.06	.10	.18	.25	.38	.44	.39	.29	.18	.12	.21
DEWPOINT	1	3	2	15	30	38	49	54	51	42	30	19	28
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$S	\$SW	\$SW	\$SW	\$SW	\$W	\$W	\$W	\$SW	\$SW	SW	\$S
MEAN SPEED													
(PVLG DRCTN)	1	13	10	10	9	9	9	7	8	9	10	11	10
MEAN SPEED													
(ALL OBS)	1	9	8	7	7	7	6	5	5	6	7	9	7
MAX PEAK GUST		0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	1400	1310	1260	1130	1010	930	1210	970	1050	1310	1460	1460
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	6	5	5	5	5	5	5	6	6	7	6
DAYS TSTMS	1	0	0	0	0	3	7	8	5	1	0	0	25
DAYS FOG LT 7	1	15	14	17	13	7	7	12	11	12	12	14	148
DAYS BNBD LT 7	1	0	0	0	0	0	0	0	0	0	0	0	1

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = \$ CALM GT PVLGN DRCTN
 † = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2. WORLD CLIMATIC DATA, 10 YEAR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	98	98	97	98	96	97	95	96	100	99	100	100	98
03-05 LST	95	96	94	92	56	27	48	93	99	100	100	100	83
06-08 LST	96	95	63	44	22	21	31	36	49	68	100	98	60
09-11 LST	74	71	58	35	17	16	18	24	41	60	77	70	47
12-14 LST	66	61	45	26	16	11	13	18	32	51	67	65	39
15-17 LST	65	54	35	24	12	12	9	9	24	49	65	65	35
18-20 LST	97	97	68	23	10	11	7	8	48	98	99	97	55
21-23 LST	94	96	92	93	92	83	85	94	97	99	100	100	94
ALL HOURS	86	84	69	54	40	35	38	47	61	78	88	87	64

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	97	98	97	97	96	96	94	96	100	98	99	100	97
03-05 LST	94	95	93	92	54	24	47	93	99	100	99	100	83
06-08 LST	95	93	58	43	16	17	28	32	44	63	99	98	57
09-11 LST	71	69	55	32	10	9	13	19	35	50	68	64	41
12-14 LST	65	58	41	21	8	5	4	7	18	39	57	60	32
15-17 LST	64	51	32	19	4	3	4	4	15	34	56	60	29
18-20 LST	97	97	67	21	5	6	3	5	45	98	98	97	53
21-23 LST	94	95	92	92	92	83	85	94	97	99	100	100	93
ALL HOURS	84	82	67	52	36	31	35	44	57	73	85	85	61

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	15	13	9	3	4	2	2	8	13	29	17	12
03-05 LST	22	16	14	10	6	7	11	7	11	17	28	18	14
06-08 LST	28	28	24	18	5	3	7	12	18	23	29	18	18
09-11 LST	36	38	27	12	4	3	4	6	13	26	39	34	20
12-14 LST	24	24	16	7	4	2	0	2	8	16	31	24	13
15-17 LST	20	16	8	7	1	2	1	1	7	15	28	20	11
18-20 LST	16	15	11	5	2	2	1	1	5	13	30	18	10
21-23 LST	19	14	10	5	2	2	1	3	5	13	30	17	10
ALL HOURS	23	21	15	9	3	3	3	4	9	17	31	21	13

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	1	2	1	1	1	#	3	4	3	2	2
03-05 LST	3	4	2	3	2	2	4	5	3	3	4	2	3
06-08 LST	3	6	4	4	#	#	1	2	4	6	5	2	3
09-11 LST	2	6	3	3	0	1	1	#	1	3	3	3	2
12-14 LST	1	1	#	1	1	#	0	1	#	#	2	2	1
15-17 LST	1	2	1	1	#	#	0	0	1	1	3	2	1
18-20 LST	1	1	1	1	1	1	0	0	#	#	2	1	1
21-23 LST	1	2	1	1	0	1	#	1	#	1	3	1	1
ALL HOURS	2	3	2	2	1	1	1	1	2	2	3	2	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SARAPUL-IN-UDMURT, USSR
 LOCATION: 5616N 5455E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 284190
 ELEVATION (FEET): 325
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT +5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	#	1	2	2	1	0	#	1	1
03-05 LST	#	#	0	0	0	1	1	#	0	0	#	#	#
06-08 LST	#	0	0	0	0	1	1	#	0	0	0	0	#
09-11 LST	#	#	0	#	0	#	1	#	0	0	0	#	#
12-14 LST	1	0	#	0	1	3	2	2	1	#	1	0	1
15-17 LST	#	0	0	0	2	5	5	2	#	0	0	#	1
18-20 LST	#	#	0	0	2	3	5	2	1	0	0	0	1
21-23 LST	0	#	0	0	1	3	2	1	#	0	0	0	1
ALL HOURS	#	#	#	#	1	2	2	1	#	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	7	5	6	4	6	10	12	5	2	5
03-05 LST	2	2	2	7	6	5	5	7	12	12	4	1	5
06-08 LST	4	3	1	4	5	6	5	6	11	10	5	#	5
09-11 LST	3	1	1	6	7	8	5	7	10	11	6	1	5
12-14 LST	1	1	1	4	8	6	4	6	11	12	4	2	5
15-17 LST	1	1	2	5	7	7	8	6	14	10	5	2	6
18-20 LST	1	#	2	7	6	8	9	6	10	12	7	2	6
21-23 LST	1	1	2	6	6	10	6	4	12	15	6	1	6
ALL HOURS	2	1	2	6	6	7	6	6	11	12	5	1	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	30	15	6	1	0	0	0	1	13	26	34	14
03-05 LST	40	33	16	7	#	0	0	0	0	10	25	30	13
06-08 LST	44	36	16	6	#	0	0	0	0	12	27	34	15
09-11 LST	46	38	20	6	1	1	0	0	1	16	32	35	16
12-14 LST	37	24	15	4	1	#	0	0	1	11	23	34	13
15-17 LST	34	26	13	6	#	#	0	0	1	12	25	30	12
18-20 LST	29	27	14	4	#	0	0	0	1	11	24	30	12
21-23 LST	36	26	14	4	#	0	0	0	1	11	26	31	12
ALL HOURS	38	30	15	5	1	#	0	0	1	12	26	32	13

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	1	1	#	0	1	0	0	#	1	2	1
03-05 LST	2	1	1	#	#	0	0	0	#	#	2	2	1
06-08 LST	2	3	0	0	#	0	#	0	0	#	2	1	1
09-11 LST	2	3	#	1	1	#	1	#	1	0	1	2	1
12-14 LST	2	2	1	1	1	#	0	#	1	#	2	1	1
15-17 LST	1	1	1	1	2	1	1	0	#	#	1	1	1
18-20 LST	1	2	2	#	1	1	1	0	1	1	1	1	1
21-23 LST	1	2	1	1	1	#	#	#	0	#	2	1	1
ALL HOURS	1	2	1	1	1	#	#	#	#	#	1	1	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 @ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	14	12	8	2	3	2	2	7	11	24	14	10
03-05 LST	20	16	13	9	5	6	10	7	10	13	22	15	12
06-08 LST	25	25	21	18	5	2	6	10	14	19	25	15	16
09-11 LST	34	37	23	10	3	2	3	4	9	23	31	28	17
12-14 LST	22	24	13	6	3	1	0	1	5	13	26	20	11
15-17 LST	18	16	7	5	1	1	#	#	4	12	24	16	9
18-20 LST	14	14	10	3	1	1	1	#	2	11	23	15	8
21-23 LST	17	13	8	5	1	1	1	1	3	10	26	13	8
ALL HOURS	21	20	13	8	3	2	3	3	7	14	25	17	11

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	13	10	7	2	2	2	2	4	8	15	11	8
03-05 LST	16	14	10	7	4	5	9	6	7	8	13	11	9
06-08 LST	19	22	20	16	2	1	3	8	13	16	19	12	13
09-11 LST	31	36	19	9	#	1	1	1	4	17	25	24	14
12-14 LST	21	22	12	5	1	#	0	1	2	9	21	16	9
15-17 LST	17	16	6	5	1	1	#	#	1	9	18	14	7
18-20 LST	13	14	10	3	1	1	1	0	1	8	15	11	6
21-23 LST	14	12	8	4	1	1	1	1	2	8	18	10	7
ALL HOURS	18	19	12	7	1	1	2	2	4	10	18	14	9

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	5	2	3	1	1	1	1	3	4	7	3	3
03-05 LST	4	5	4	4	2	3	5	5	4	4	6	5	4
06-08 LST	4	8	10	6	1	1	2	4	5	7	7	3	5
09-11 LST	7	12	7	5	0	1	1	#	1	7	8	9	5
12-14 LST	5	5	2	1	1	#	0	1	#	2	6	6	2
15-17 LST	5	5	1	1	1	#	0	0	1	2	6	6	2
18-20 LST	3	3	2	1	1	1	0	0	#	2	5	3	2
21-23 LST	3	3	2	2	#	1	#	1	#	1	5	3	2
ALL HOURS	4	6	4	3	1	1	1	1	2	4	6	5	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	1	#	1	#	2	3	1	1	1
03-05 LST	1	2	1	2	1	1	2	1	1	2	2	1	1
06-08 LST	1	2	2	2	0	#	1	1	2	3	1	0	1
09-11 LST	1	1	1	1	0	1	1	0	1	2	1	#	1
12-14 LST	1	1	0	0	#	#	0	1	0	#	1	0	#
15-17 LST	#	1	1	1	#	#	0	0	#	#	1	#	0
18-20 LST	1	1	#	1	1	1	0	0	0	0	1	#	#
21-23 LST	1	1	#	0	0	#	0	0	0	1	#	#	#
ALL HOURS	1	1	1	1	#	#	0	#	1	1	1	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SIMUSHIR RA
 LOCATION: 46°51'N, 151°53'E
 PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 321950
 ELEVATION (FEET): 85
 PERIOD: VARIED

ICAO ID:
 LST - GMT +11

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1-2	57	46	57	72	79	77	84	86	79	72	64	54	86
MEAN DLY MAX 1	26	25	27	36	42	46	52	57	54	47	38	31	40
MEAN 1	24	23	25	33	38	41	48	52	50	44	35	29	37
MEAN DLY MIN 1	21	20	23	30	34	37	43	47	46	40	32	26	33
EXTREME MIN 1-2	-8	-15	-2	12	23	25	30	30	30	26	12	-4	-15
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	23	11	3	#	#	#	1	18	28	175
# DAYS ≤ 0 1	#	#	#	0	0	0	0	0	0	0	0	#	#
2. PRECIPITATION (INCHES)													
MAXIMUM 2	9.8	5.2	6.6	9.6	11.5	4.7	10.0	15.1	13.7	15.4	9.4	9.8	83.4
MEAN 2	4.0	2.5	3.5	4.6	4.7	2.8	4.4	6.4	7.8	6.9	4.8	5.1	57.5
MINIMUM 2	1.3	1.1	2.5	1.1	1.9	1.2	0.7	1.5	4.1	2.4	3.2	2.4	34.2
MAX 24 HR *	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS ≥ 0.01 2	28	22	22	16	14	13	18	22	17	17	22	24	234
3. SNOWFALL (INCHES)													
MEAN *	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM *	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR *	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/ SNOWFALL 1	13	12	11	6	2	0	0	0	0	#	5	11	60
# DAYS W/ SNOW DEPTH ≥ 1.0 2	31	28	31	23	4	0	0	0	0	0	13	28	158
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (05 LST) 1	78	79	79	85	90	96	97	95	90	87	84	80	87
RH (14 LST) 1	79	79	78	81	85	88	90	89	83	80	82	80	83
VAPOR PRESS 1	.11	.10	.11	.16	.20	.25	.32	.37	.32	.25	.18	.13	.21
DEWPOINT 1	19	17	20	28	34	39	46	49	46	39	30	23	33
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	NW	NW	NW	NW	SE	SE	SE	SE	SE	W	W	NW	NW
MEAN SPEED (PVLG DRCTN) 1	24	24	23	19	15	13	12	12	11	19	21	24	18
MEAN SPEED (ALL OBS) 1	20	21	20	17	14	11	9	11	12	15	18	20	16
MAX (PK GST) *	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	1100	1700	1800	1250	1200	1000	950	800	1100	1700	1250	1550	1700
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	7	7	6	6	7	7	7	6	6	6	6	7	6
DAYS TSTMS 1	1	1	#	#	0	0	#	#	#	#	#	#	2
DAYS FOG < 7 1	#	#	1	8	18	23	26	23	15	7	2	1	124
DAYS BNBD < 7 1	#	0	0	0	#	0	#	#	#	0	0	#	#
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ - % CALM > PVLG DRCTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, DATA FOR OSTROV SIMUSHIR, 46°58'N, 152°02'E,
 POR 3-22 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	80	82	74	65	73	80	83	75	58	54	67	80	73
03-05 LST	80	80	75	68	74	81	84	79	57	54	68	77	73
06-08 LST	89	86	76	68	73	77	81	79	60	58	69	84	75
09-11 LST	87	83	75	67	71	70	73	74	59	57	71	84	75
12-14 LST	84	86	73	67	67	68	74	68	53	53	75	83	71
15-17 LST	89	84	77	69	65	69	73	66	55	59	78	87	73
18-20 LST	83	84	70	69	73	74	79	73	60	54	72	81	74
21-23 LST	79	81	71	65	71	76	80	74	57	49	69	79	71
ALL HOURS	84	83	75	67	71	74	78	74	57	55	71	82	73

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	44	46	39	39	57	74	78	65	44	27	30	44	49
03-05 LST	44	41	36	39	57	78	79	66	44	25	30	38	48
06-08 LST	47	43	35	38	59	73	76	69	44	31	31	42	49
09-11 LST	47	44	38	40	54	67	69	65	43	29	34	46	48
12-14 LST	49	47	41	40	53	63	67	55	37	27	33	46	47
15-17 LST	49	47	43	40	51	64	66	57	40	29	35	49	47
18-20 LST	44	43	39	41	59	69	74	63	44	30	35	45	49
21-23 LST	41	38	34	37	55	72	77	64	42	26	33	41	47
ALL HOURS	46	43	38	39	55	70	73	63	42	28	33	44	48

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	31	32	25	20	37	62	72	58	31	13	13	24	35
03-05 LST	35	29	24	21	41	67	74	56	31	13	11	20	35
06-08 LST	32	29	22	21	40	62	70	60	35	17	11	20	35
09-11 LST	22	33	25	21	37	55	60	57	32	15	14	25	34
12-14 LST	35	34	30	19	36	48	56	46	29	15	13	28	32
15-17 LST	35	36	27	21	32	47	59	48	30	14	16	32	33
18-20 LST	30	32	25	21	40	59	68	55	31	16	18	27	35
21-23 LST	27	28	21	18	38	58	71	57	32	14	14	24	34
ALL HOURS	32	32	25	20	38	57	66	55	31	14	14	25	34

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	7	5	7	22	45	61	43	20	4	2	5	19
03-05 LST	9	7	4	8	25	49	60	44	20	4	2	4	20
06-08 LST	7	7	6	8	27	42	54	46	23	5	2	4	19
09-11 LST	9	10	9	10	20	33	41	39	20	6	3	6	17
12-14 LST	10	11	8	9	17	26	37	31	17	5	4	8	15
15-17 LST	12	13	8	8	16	27	39	32	16	5	3	11	16
18-20 LST	9	11	9	9	21	39	53	41	21	6	3	7	19
21-23 LST	8	9	7	6	20	42	55	43	23	5	2	6	19
ALL HOURS	9	9	7	8	21	38	50	40	20	5	2	6	18

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: SIMUSHIR RA
LOCATION: 46°51'N, 151°53'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 321950
ELEVATION (FEET): 85
PERIOD: 7301-8612

ICAO ID:
LST - GMT +11

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	#	0	0	0	0	0	0	#	0	0	0	0	#
06-08 LST	0	0	0	0	0	0	0	0	#	0	0	0	#
09-11 LST	#	0	#	1	0	0	#	#	0	0	#	#	#
12-14 LST	#	#	0	0	0	0	0	0	0	0	0	#	#
15-17 LST	0	0	0	0	0	0	0	#	0	0	0	#	#
18-20 LST	#	#	0	0	0	0	0	0	#	#	0	0	#
21-23 LST	#	0	0	#	0	0	0	0	0	#	0	0	#
ALL HOURS	#	#	#	#	0	0	#	#	#	#	#	#	*

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	10	20	26	29	24	19	16	10	4	13
03-05 LST	2	1	#	7	16	22	30	21	15	16	8	4	12
06-08 LST	2	1	1	9	17	20	24	18	14	14	9	5	11
09-11 LST	1	1	1	7	19	15	17	16	13	12	11	7	10
12-14 LST	1	1	1	8	16	14	13	14	14	15	11	4	9
15-17 LST	1	1	1	6	14	15	18	15	14	14	11	5	10
18-20 LST	2	2	1	9	17	18	20	17	16	16	11	5	11
21-23 LST	2	1	1	9	19	23	28	21	16	15	11	3	13
ALL HOURS	2	1	1	8	17	19	22	18	15	15	10	5	11

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	37	42	36	15	6	0	0	0	0	1	15	33	15
03-05 LST	39	38	36	17	6	0	0	0	0	1	15	27	15
06-08 LST	38	38	30	14	4	0	0	0	0	#	11	25	13
09-11 LST	41	41	32	14	4	0	0	0	0	1	15	30	15
12-14 LST	46	47	38	12	4	0	0	0	0	1	18	37	17
15-17 LST	45	49	35	16	4	0	0	0	0	1	19	37	17
18-20 LST	39	41	35	17	3	0	0	0	0	#	17	36	16
21-23 LST	35	38	31	16	6	0	0	0	0	1	17	33	15
ALL HOURS	40	42	34	15	5	0	0	0	0	1	16	32	15

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	37	40	35	25	14	5	3	6	10	16	27	34	21
03-05 LST	40	40	38	22	14	4	3	4	9	16	26	33	21
06-08 LST	38	37	37	23	13	3	4	5	10	13	25	32	20
09-11 LST	36	38	36	26	13	6	2	6	9	15	27	29	20
12-14 LST	37	37	38	25	16	7	3	6	9	16	26	35	21
15-17 LST	38	39	37	26	17	6	5	7	7	16	29	36	22
18-20 LST	36	40	36	24	14	6	4	6	7	14	26	35	21
21-23 LST	35	39	34	24	13	6	5	7	8	14	24	33	20
ALL HOURS	37	39	36	24	14	5	4	6	9	15	26	33	21

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, THREE HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	31	32	25	19	36	61	72	57	31	12	13	23	34
03-05 LST	35	29	24	20	39	65	74	55	31	12	11	20	35
06-08 LST	32	29	22	20	39	60	69	59	35	16	11	20	34
09-11 LST	32	33	25	20	37	53	59	56	31	15	13	25	33
12-14 LST	35	34	30	18	35	46	55	46	29	15	12	27	32
15-17 LST	35	36	27	20	30	46	58	47	29	14	16	32	32
18-20 LST	30	32	25	20	39	57	67	55	31	15	17	27	35
21-23 LST	27	28	21	17	37	56	70	56	32	13	13	24	33
ALL HOURS	32	32	25	19	37	56	66	54	31	14	13	25	34

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	29	22	14	27	54	67	50	26	8	8	19	29
03-05 LST	29	26	22	16	29	56	69	50	25	7	8	16	29
06-08 LST	28	26	19	15	32	52	62	52	29	10	7	16	29
09-11 LST	28	30	21	15	26	43	52	47	26	12	9	20	28
12-14 LST	31	30	25	14	23	35	49	39	23	11	9	22	26
15-17 LST	31	32	24	15	21	36	51	41	24	11	11	25	27
18-20 LST	26	30	22	15	28	47	60	49	25	10	13	22	29
21-23 LST	24	25	18	12	26	49	63	50	29	10	9	19	28
ALL HOURS	28	28	22	14	27	47	59	48	26	10	9	20	28

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	19	15	10	23	48	63	46	22	5	4	12	24
03-05 LST	22	18	15	11	27	52	62	47	21	5	5	11	25
06-08 LST	17	16	13	11	29	47	56	49	24	6	4	11	24
09-11 LST	20	22	15	12	22	39	46	42	22	8	6	13	22
12-14 LST	21	22	16	11	20	28	42	36	19	6	6	16	20
15-17 LST	24	25	19	11	18	30	43	35	19	7	7	18	21
18-20 LST	18	23	18	11	23	44	56	43	21	7	6	15	24
21-23 LST	17	19	13	9	21	45	58	46	25	6	5	12	23
ALL HOURS	20	21	5	11	23	42	53	43	22	6	6	14	23

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	3	4	12	30	38	26	11	1	2	2	11
03-05 LST	1	2	2	3	14	31	42	23	10	2	#	1	11
06-08 LST	2	3	2	4	15	27	36	27	14	3	1	2	11
09-11 LST	3	7	4	5	11	14	23	22	12	3	1	2	9
12-14 LST	5	5	4	4	7	13	18	14	7	2	1	3	7
15-17 LST	6	6	5	3	5	14	20	17	10	3	1	5	8
18-20 LST	4	5	5	4	10	26	33	24	12	4	2	4	11
21-23 LST	2	5	4	4	11	27	38	24	10	2	0	3	11
ALL HOURS	3	5	3	4	11	23	31	22	11	3	1	3	10

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SKOVORODINO, USSR

LOCATION: 5400N 12359E

PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 306920

ELEVATION (FEET): 1312

PERIOD: 7301-8612

ICAO: N/A

LST = GMT +9

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	16	28	42	67	83	90	91	84	79	62	34	18	91
MEAN DAILY MAX	-3	6	23	41	58	71	75	69	58	36	12	-3	37
MEAN	-17	-9	8	31	47	59	64	58	45	23	-1	-16	24
MEAN DAILY MIN	-29	-25	-8	19	34	45	52	46	33	11	-12	-26	12
EXTREME MIN	-54	-46	-34	-12	18	28	36	28	13	-19	-38	-55	-55
# DAYS GE 90	0	0	0	0	0	0	1	0	0	0	0	0	1
# DAYS LE 32	31	28	31	27	15	2	0	2	15	30	30	31	242
# DAYS LE 0	31	28	24	2	0	0	0	0	0	6	27	31	149
2. PRECIPITATION (INCHES)													
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MINIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	7	6	3	6	6	7	8	8	6	4	6	9	76
# DAYS GE 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	4	4	3	4	1	0	0	0	0	3	5	5	29
# DAYS GE 1.5	#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (6 LST)	73	75	80	79	78	89	93	94	89	81	80	76	82
RH (15 LST)	61	51	44	41	37	46	54	55	45	44	58	68	50
VAPOR PRESS	.02	.02	.05	.10	.17	.34	.45	.38	.22	.09	.04	.02	.16
DEWPOINT	-23	-17	-2	16	29	46	55	50	35	12	-6	-21	15
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	NE	NE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	NE	NE
MEAN SPEED													
(PVLG DRCTN)	4	4	4	5	5	4	4	4	4	4	4	3	4
MEAN SPEED													
(ALL OBS)	4	5	5	6	6	5	4	4	4	4	4	3	5
MAX PEAK GUST	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1560	1620	1630	2020	2060	1850	1910	1930	1750	1660	1580	1500	2060
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	3	3	4	5	5	6	6	5	5	4	4	4	5
DAYS TSMS	#	#	#	#	1	6	8	4	1	#	#	#	22
DAYS FOG LT 7	14	8	4	3	3	7	11	12	7	3	6	14	93
DAYS BNBD LT 7	0	#	0	#	#	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = \$ CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - 86, THREE HOURLY
 2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	16	7	1	7	4	17	26	26	13	8	6	18	12
06-08 LST	18	7	2	8	8	20	31	31	18	6	4	17	14
09-11 LST	19	8	6	10	9	11	15	18	16	7	7	19	12
12-14 LST	15	7	5	9	13	9	16	15	14	8	10	18	12
15-17 LST	13	4	5	14	12	15	18	16	14	8	10	19	12
18-20 LST	17	3	3	11	9	15	15	10	13	11	10	21	11
21-23 LST	17	5	2	8	6	11	15	13	9	8	8	19	10
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	16	7	1	5	3	10	19	20	9	6	5	17	10
06-08 LST	18	7	2	7	5	12	25	25	12	6	3	17	12
09-11 LST	19	8	6	8	4	2	7	8	8	6	7	19	5
12-14 LST	15	7	5	6	3	1	4	3	3	6	9	18	7
15-17 LST	13	3	3	8	2	3	3	2	1	5	10	19	6
18-20 LST	17	3	3	6	2	2	3	2	2	6	10	21	6
21-23 LST	17	5	2	6	3	3	6	6	3	6	8	19	7
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	4	1	2	2	8	15	17	7	4	3	10	7
06-08 LST	12	4	1	5	4	11	21	23	9	4	1	10	9
09-11 LST	13	5	4	5	3	1	4	5	7	4	6	13	6
12-14 LST	10	5	4	5	2	1	2	2	2	4	7	12	5
15-17 LST	8	2	2	6	2	2	1	1	1	5	7	13	4
18-20 LST	8	1	2	5	2	1	2	1	1	6	6	12	4
21-23 LST	9	2	1	3	2	2	4	4	2	4	5	10	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	1	0	0	1	6	11	13	4	1	0	2	3
06-08 LST	2	1	#	1	2	8	14	15	6	1	0	3	4
09-11 LST	4	2	1	1	1	#	1	3	3	1	1	4	2
12-14 LST	3	#	#	2	0	#	1	1	1	1	1	1	1
15-17 LST	#	0	0	1	0	#	0	1	0	1	0	1	#
18-20 LST	#	0	#	1	1	#	1	#	0	2	#	1	1
21-23 LST	1	1	#	#	#	1	2	2	1	1	#	2	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SKOVORODINO, USSR
LOCATION: 5400N 12359E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 306920
ELEVATION (FEET): 1312
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +9

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	#	0	1	1	1	#	0	0	0	#
06-08 LST	0	0	0	0	0	1	1	2	#	0	0	#	#
09-11 LST	0	0	0	0	#	0	1	1	0	0	#	0	#
12-14 LST	0	#	#	#	#	1	2	1	0	#	#	#	1
15-17 LST	0	#	0	1	#	5	5	4	#	0	0	0	1
18-20 LST	0	0	0	0	1	5	6	3	0	0	0	0	1
21-23 LST	0	0	0	0	#	2	3	1	1	#	0	0	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	4	5	9	10	7	8	1	#	0	4
06-08 LST	#	1	0	2	5	9	9	11	6	1	0	1	4
09-11 LST	#	0	0	2	6	8	12	12	7	1	#	#	4
12-14 LST	0	#	#	2	8	6	9	13	9	2	#	#	4
15-17 LST	#	0	#	3	9	8	13	14	9	2	0	0	5
18-20 LST	#	0	#	2	8	11	14	8	9	2	0	0	5
21-23 LST	0	#	0	3	6	8	9	10	7	2	#	0	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	27	23	7	9	2	0	0	#	1	6	19	33	11
06-08 LST	26	24	9	10	2	0	0	0	1	6	17	33	11
09-11 LST	19	18	8	11	3	0	0	0	2	8	13	23	9
12-14 LST	13	10	7	12	2	0	#	0	1	7	10	15	7
15-17 LST	10	10	7	11	2	0	0	0	2	7	10	12	6
18-20 LST	10	8	5	12	3	0	0	0	2	5	11	18	6
21-23 LST	23	15	6	8	1	0	#	0	1	5	16	26	8
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	#	1	0	0	#	#	0	1	0	#	#
06-08 LST	#	1	0	1	#	0	0	#	0	0	0	0	#
09-11 LST	#	#	#	1	0	#	0	#	#	#	0	#	#
12-14 LST	#	0	#	1	1	0	0	0	0	#	0	#	#
15-17 LST	0	#	1	1	#	#	#	#	0	#	#	0	#
18-20 LST	0	0	0	1	#	0	0	0	0	#	#	0	#
21-23 LST	0	#	#	#	#	#	#	0	#	#	0	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73 - DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	4	1	2	2	8	15	17	7	4	3	10	7
06-08 LST	12	4	1	5	4	11	21	23	9	4	1	10	9
09-11 LST	13	5	4	5	3	1	4	5	7	4	6	13	6
12-14 LST	10	5	4	5	2	1	2	2	2	4	7	12	5
15-17 LST	8	2	2	6	2	2	1	1	1	5	7	13	4
18-20 LST	8	1	2	5	2	1	2	1	1	6	6	12	4
21-23 LST	9	2	1	3	2	2	4	4	2	4	5	10	4
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	8	2	#	2	2	8	14	17	5	3	1	8	6
06-08 LST	9	3	1	5	4	10	20	22	9	4	#	9	8
09-11 LST	11	4	2	4	3	1	3	5	6	3	4	9	4
12-14 LST	9	3	3	4	1	1	2	2	1	3	4	8	3
15-17 LST	4	2	1	5	1	1	#	1	#	4	4	9	3
18-20 LST	4	1	1	3	1	1	1	1	0	4	4	7	3
21-23 LST	6	2	1	3	1	2	3	3	2	3	3	7	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	4	1	0	1	1	7	14	16	4	2	1	3	5
06-08 LST	6	2	#	2	2	10	18	21	7	2	#	5	6
09-11 LST	7	3	1	2	2	#	2	3	4	2	2	5	3
12-14 LST	6	1	1	3	#	1	1	1	1	2	2	4	2
15-17 LST	2	1	1	4	#	1	#	1	#	3	1	3	1
18-20 LST	2	#	#	2	1	0	1	#	#	3	1	3	1
21-23 LST	3	1	1	1	1	2	3	3	2	2	1	4	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	1	0	0	1	3	6	7	2	#	0	1	2
06-08 LST	1	#	#	#	0	3	6	8	2	0	0	1	2
09-11 LST	1	#	1	0	#	#	#	2	0	0	#	2	1
12-14 LST	2	#	#	1	0	#	#	0	#	#	#	#	#
15-17 LST	#	0	0	1	0	#	0	1	0	#	0	#	#
18-20 LST	#	0	#	#	1	#	#	#	0	1	0	#	#
21-23 LST	1	#	#	#	#	1	1	1	1	#	#	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SLYUDIANKA, USSR
LOCATION: 5139N 10345E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 308120
ELEVATION (FEET): 1545
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +8

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	34	36	44	58	68	78	78	76	66	60	46	38	78
MEAN DAILY MAX	9	9	22	36	47	58	63	60	52	40	27	15	37
MEAN	3	3	16	31	42	53	59	56	47	34	21	10	31
MEAN DAILY MIN	-2	-3	9	25	37	47	54	50	41	28	14	4	25
EXTREME MIN	-26	-28	-14	0	20	34	40	36	24	0	-6	-18	-28
# DAYS GE 90	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 32	31	28	31	25	7	0	0	0	2	22	29	31	206
# DAYS LE 0	19	20	6	#	0	0	0	0	0	#	2	11	58
2. PRECIPITATION (INCHES)													
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MINIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	6	4	5	5	5	7	9	7	5	5	4	3	65
# DAYS GE 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	5	4	4	3	1	0	0	0	0	3	4	3	27
# DAYS GE 1.5	#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (5 LST)	68	73	71	71	71	79	85	85	79	71	65	62	73
RH (17 LST)	63	68	63	57	59	70	75	75	70	63	55	54	64
VAPOR PRESS	.04	.04	.07	.11	.18	.30	.41	.38	.25	.14	.08	.05	.17
DEWPOINT	-4	-3	7	19	30	44	52	50	39	24	10	0	22
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	W	W	W	W	W	W	W	W	W	W	W	W	W
MEAN SPEED													
(PVLG DRCTN)	10	7	6	6	6	6	7	6	6	7	11	13	8
MEAN SPEED													
(ALL OBS)	9	5	4	5	4	4	4	4	5	6	9	12	6
MAX PEAK GUST	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1950	1850	1950	2100	2100	2050	2100	2150	1900	2150	2150	1950	2150
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	5	4	4	5	5	5	5	5	5	5	5	4	5
DAYS TSTMS	0	0	#	#	1	4	7	4	1	#	0	0	17
DAYS FOG LT 7	#	#	#	#	#	2	1	#	1	#	#	#	6
DAYS BNBD LT 7	0	0	0	#	0	0	0	0	#	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = \$ CALM GT PVLGN DRCTN
 † = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	3	4	4	7	10	8	9	10	4	1	5
03-05 LST	3	3	3	4	5	10	12	8	10	11	4	2	6
06-08 LST	3	3	6	6	7	10	13	12	15	11	5	2	8
09-11 LST	4	4	4	10	7	10	16	11	11	7	5	2	8
12-14 LST	4	4	4	4	5	7	15	12	8	6	6	2	6
15-17 LST	6	4	4	1	3	7	10	8	11	6	4	2	6
18-20 LST	6	2	2	2	3	5	8	6	10	10	4	3	5
21-23 LST	5	2	3	4	3	5	8	7	9	10	6	2	5
ALL HOURS	4	3	3	4	5	8	11	9	10	9	5	2	6

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	1	1	0	2	3	2	1	1	#	#	1
03-05 LST	#	1	1	0	1	5	3	2	1	2	1	0	1
06-08 LST	1	1	3	2	2	3	5	4	4	3	1	1	2
09-11 LST	4	4	2	4	2	5	6	4	2	2	2	1	3
12-14 LST	4	3	3	2	3	3	7	3	2	2	4	1	3
15-17 LST	3	3	2	1	1	3	6	4	3	2	2	#	3
18-20 LST	2	1	2	1	1	2	4	3	3	2	2	1	2
21-23 LST	2	1	1	1	#	3	2	1	2	1	1	0	1
ALL HOURS	2	2	2	2	1	3	5	3	2	2	2	1	2

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	#	0	1	3	1	1	#	0	#	1
03-05 LST	#	1	#	0	#	4	3	1	1	#	#	0	1
06-08 LST	1	#	1	1	2	2	4	2	3	1	0	1	1
09-11 LST	1	#	1	2	1	5	3	1	0	1	1	1	2
12-14 LST	1	1	1	1	2	3	5	1	1	1	1	1	1
15-17 LST	1	1	1	#	1	2	4	1	2	1	1	0	1
18-20 LST	1	#	1	1	#	2	4	1	1	#	1	0	1
21-23 LST	#	#	#	1	#	3	2	1	1	#	#	0	1
ALL HOURS	#	1	1	1	1	3	3	1	1	1	1	#	1

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	#	1	1	1	#	#	0	0	#
03-05 LST	0	1	#	0	#	3	1	1	1	0	0	0	1
06-08 LST	1	0	#	1	2	1	3	#	1	#	0	0	1
09-11 LST	0	0	1	1	1	5	3	1	0	0	#	1	1
12-14 LST	0	0	1	1	1	2	3	0	#	0	#	0	1
15-17 LST	1	0	0	#	#	1	2	0	1	1	0	0	#
18-20 LST	1	#	#	0	#	2	1	1	1	#	0	0	1
21-23 LST	#	0	0	1	#	2	1	#	1	#	#	0	#
ALL HOURS	#	#	#	#	1	2	2	#	1	#	#	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SLYUDYANKA, USSR
LOCATION: 5139N 10345E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 308120
ELEVATION (FEET): 1545
PERIOD: 7301-8612

ICAO: M/A
LST = GMT +8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	2	1	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	2	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	1	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	1	0	1	0	0	0	0	0
12-14 LST	0	0	0	0	1	1	4	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	2	7	4	1	0	0	0	1
18-20 LST	0	0	0	0	0	2	3	4	1	0	0	0	1
21-23 LST	0	0	0	0	0	1	3	2	0	0	0	0	1
ALL HOURS	0	0	0	0	0	1	3	1	0	0	0	0	0

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	4	6	11	13	8	6	3	0	0	4
03-05 LST	0	0	0	2	6	10	15	10	10	2	0	0	5
06-08 LST	0	0	0	2	8	11	14	11	9	2	0	0	5
09-11 LST	0	0	0	2	7	10	14	9	8	2	0	0	4
12-14 LST	0	0	1	1	5	8	10	8	6	3	0	0	4
15-17 LST	0	0	0	1	5	11	10	9	8	2	0	0	4
18-20 LST	0	0	0	2	7	9	9	10	9	3	0	0	4
21-23 LST	0	0	1	3	6	8	12	9	8	4	0	0	4
ALL HOURS	0	0	0	2	6	10	12	9	8	3	0	0	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	9	6	7	2	0	0	0	0	6	8	4	4
03-05 LST	10	11	13	7	2	0	0	0	1	8	8	6	5
06-08 LST	11	9	13	8	4	0	0	0	0	6	9	5	5
09-11 LST	14	10	8	9	3	0	0	0	1	4	8	3	5
12-14 LST	9	5	8	6	1	0	0	0	0	4	8	6	4
15-17 LST	12	7	6	4	1	0	0	0	0	5	6	6	4
18-20 LST	10	9	4	5	1	0	0	0	0	6	6	7	4
21-23 LST	9	11	5	5	1	0	0	0	0	7	10	5	5
ALL HOURS	11	9	8	6	2	0	0	0	0	6	8	5	5

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	1	1	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	2	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	1	0
09-11 LST	1	0	0	0	0	0	0	0	0	0	1	2	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	2	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	1	0	0	0	0	0	0	1	0	0	0	1	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	1	0

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	#	0	1	3	1	1	#	0	#	1
03-05 LST	#	1	#	0	#	4	3	1	1	#	#	0	1
06-08 LST	1	#	1	1	2	2	4	1	1	1	0	1	1
09-11 LST	1	#	1	2	1	5	3	1	0	1	1	1	2
12-14 LST	1	1	1	1	2	3	5	#	#	1	1	1	1
15-17 LST	1	1	1	#	1	2	3	1	1	1	1	0	1
18-20 LST	1	#	1	1	#	2	3	1	1	#	1	0	1
21-23 LST	#	#	#	1	#	3	2	1	1	#	#	0	1
ALL HOURS	#	1	1	1	1	3	3	1	1	1	1	#	1

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	#	0	1	2	1	1	#	0	#	1
03-05 LST	#	1	#	0	#	4	3	1	1	#	0	0	1
06-08 LST	1	#	1	1	2	2	4	1	1	1	0	1	1
09-11 LST	1	#	1	2	1	5	3	1	0	1	1	1	1
12-14 LST	1	1	1	1	2	3	5	#	#	1	1	1	1
15-17 LST	1	1	1	#	1	2	3	1	1	1	1	0	1
18-20 LST	1	#	1	1	#	2	3	1	1	#	1	0	1
21-23 LST	#	#	#	1	#	3	2	1	1	#	#	0	1
ALL HOURS	#	1	1	1	1	3	3	1	1	1	1	#	1

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	#	1	1	1	#	#	0	0	#
03-05 LST	0	1	#	0	#	3	1	1	1	0	0	0	1
06-08 LST	1	#	#	1	2	1	3	1	1	#	0	0	1
09-11 LST	#	#	1	1	1	5	3	1	0	#	1	1	1
12-14 LST	0	#	1	1	1	2	3	0	#	#	1	#	1
15-17 LST	1	#	1	#	#	1	2	0	1	1	#	0	1
18-20 LST	1	#	1	#	#	2	1	1	1	#	#	0	1
21-23 LST	#	0	0	1	#	2	1	#	1	#	#	0	#
ALL HOURS	#	#	1	1	1	2	2	#	1	#	#	#	1

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	#	1	1	1	#	#	0	0	#
03-05 LST	0	#	#	0	#	3	1	1	1	0	0	0	1
06-08 LST	1	0	#	0	#	1	2	0	1	#	0	0	1
09-11 LST	0	0	1	#	1	4	3	1	0	0	0	#	1
12-14 LST	0	0	#	#	1	2	3	0	0	0	0	0	1
15-17 LST	#	0	0	#	#	1	2	0	1	1	0	0	#
18-20 LST	1	#	#	0	#	2	1	#	1	#	0	0	#
21-23 LST	#	0	0	1	#	2	1	0	1	#	0	0	#
ALL HOURS	#	#	#	#	#	2	2	#	1	#	0	#	0

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SOVETSKAYA GAVAN, USSR
 LOCATION: 49°00'N, 140°14'E
 PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 317700
 ELEVATION (FEET): 72
 PERIOD: 7301-8612

ICAO ID: N/A
 LST - GMT +10

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	32	32	58	73	86	87	91	92	84	75	60	56	92
MEAN DLY MAX	1	9	13	25	39	49	60	68	69	61	46	29	14	40
MEAN	1	1	5	18	33	42	52	59	62	54	39	21	7	33
MEAN DLY MIN	1	-5	-2	10	27	35	44	52	55	46	31	13	0	26
EXTREME MIN	1	-32	-23	-18	5	21	30	33	32	29	-1	-9	-23	-43
# DAYS > 90	1	0	0	0	0	0	0	#	#	0	0	0	0	#
# DAYS < 32	1	30	27	31	23	8	#	0	#	1	17	30	31	198
# DAYS < 0	1	24	19	6	0	0	0	0	0	0	#	3	19	69
2. PRECIPITATION (INCHES)														
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.01	1	11	13	14	16	17	16	16	17	14	13	9	10	166
# DAYS > 0.5														
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.1	1	10	12	12	11	4	1	#	1	#	3	7	9	70
# DAYS > 1.5														
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (04 LST)	1	66	71	78	85	89	94	95	92	88	74	65	63	80
RH (13 LST)	1	65	66	70	67	65	66	70	67	62	49	49	50	58
VAPOR PRESS	1	.03	.04	.07	.14	.20	.31	.43	.45	.33	.16	.08	.04	.19
DEWPOINT	1	-5	-3	9	24	34	45	53	55	47	27	8	-4	24
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLC DRCTN	1	SSW	SSW	SSW	\$S \$NNE	\$S	\$S	S	SSW	SSW	SSW	SSW	\$SSW	
MEAN SPEED														
(PVLC DRCTN)	1	4	5	5	8	9	7	8	6	7	5	5	5	6
MEAN SPEED														
(ALL OBS)	1	6	6	7	6	6	5	4	5	6	7	7	6	6
MAX (PK GST)		#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1100	1000	1050	1200	1250	1080	900	1050	1150	1500	950	1050	1500
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	4	5	6	5	6	5	4	4	3	3	4
DAYS TSMS	1	0	#	0	#	1	2	1	1	1	#	0	#	7
DAYS FOG < 7	1	0	#	1	8	14	18	20	13	6	#	0	#	81
DAYS BNBD < 7	1	0	0	0	0	0	#	0	#	#	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLC DRCTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, THREE HOURLY, JAN 73 - DEC 86
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	14	22	42	51	60	59	45	29	26	16	12	32
03-05 LST	9	13	22	44	54	65	67	49	35	24	14	12	34
06-08 LST	10	11	25	46	55	67	72	50	38	26	14	12	35
09-11 LST	11	13	22	39	48	53	60	37	31	25	13	14	30
12-14 LST	11	9	18	33	42	41	45	34	32	23	16	11	26
15-17 LST	10	11	17	35	40	45	42	35	31	25	15	13	27
18-20 LST	13	12	19	37	39	48	43	39	33	20	16	14	28
21-23 LST	13	15	21	39	43	56	52	39	25	22	14	15	30
ALL HOURS	11	12	21	39	47	54	55	41	32	24	15	13	30

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	9	15	33	39	55	51	32	16	14	9	8	24
03-05 LST	6	8	16	35	46	60	59	37	23	13	7	8	27
06-08 LST	7	7	19	36	50	62	65	41	23	14	9	8	28
09-11 LST	8	11	17	32	42	48	53	32	21	15	7	12	25
12-14 LST	9	6	13	26	33	34	39	23	16	14	11	9	19
15-17 LST	7	8	10	25	32	40	36	26	17	11	8	10	19
18-20 LST	9	9	14	28	30	42	36	27	18	12	8	10	20
21-23 LST	7	11	14	32	34	50	44	27	15	13	7	10	22
ALL HOURS	7	9	15	31	38	49	48	31	19	13	8	9	23

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	5	11	27	30	35	35	23	10	7	6	5	16
03-05 LST	2	4	12	29	34	45	43	26	13	7	5	4	22
06-08 LST	4	4	13	31	41	50	50	30	16	8	6	4	22
09-11 LST	6	8	12	24	29	28	33	19	14	12	5	8	16
12-14 LST	6	3	10	17	18	14	19	13	11	8	8	7	11
15-17 LST	5	6	8	16	18	16	18	15	9	7	6	7	11
18-20 LST	4	5	10	17	20	19	21	15	10	9	6	7	12
21-23 LST	2	4	8	24	23	25	27	19	8	8	5	6	13
ALL HOURS	4	5	10	23	27	29	31	20	11	8	6	6	15

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	12	20	24	27	12	3	2	2	1	9
03-05 LST	#	2	2	14	17	33	31	14	4	1	1	2	10
06-08 LST	#	1	3	11	20	33	28	14	5	1	1	2	10
09-11 LST	1	2	1	6	7	4	10	4	1	1	1	2	3
12-14 LST	1	1	2	5	2	4	6	1	#	#	1	2	2
15-17 LST	1	1	1	4	4	4	5	2	2	1	2	2	2
18-20 LST	1	1	2	5	9	6	10	4	2	1	1	1	4
21-23 LST	#	1	2	10	14	17	20	7	#	1	1	1	6
ALL HOURS	1	1	2	8	12	16	17	7	2	1	1	2	6

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: SOVETSKAYA GAVAN, USSR
 LOCATION: 49°00'N, 140°17'E
 PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 317700
 ELEVATION (FEET): 72
 PERIOD: 7301-8612

ICAO ID: N/A
 LST - GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	#	0	#	0	0	0	#
03-05 LST	0	0	0	#	0	1	1	0	#	0	0	0	#
06-08 LST	0	0	0	#	0	0	1	#	0	#	0	#	#
09-11 LST	0	0	0	0	#	#	1	0	0	0	0	0	#
12-14 LST	0	#	0	#	0	1	0	1	#	#	0	0	#
15-17 LST	0	0	0	0	1	1	#	0	1	0	0	0	#
18-20 LST	0	0	0	#	1	0	1	1	0	0	0	0	#
21-23 LST	0	0	0	0	0	1	0	#	0	0	0	0	#
ALL HOURS	0	#	0	#	#	1	1	#	#	#	0	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	4	12	13	13	14	10	9	2	0	6
03-05 LST	#	#	1	1	12	14	12	12	11	6	1	0	6
06-08 LST	0	#	#	3	13	13	13	16	12	8	1	#	7
09-11 LST	0	#	0	2	11	11	14	11	11	9	1	#	6
12-14 LST	0	1	0	3	9	12	10	13	11	7	1	0	6
15-17 LST	0	#	0	2	11	12	11	14	13	9	1	#	6
18-20 LST	0	0	1	3	9	14	14	15	10	7	2	#	6
21-23 LST	#	1	#	2	13	11	14	15	9	7	1	0	6
ALL HOURS	#	#	#	3	11	12	13	14	11	8	1	#	6

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	15	17	14	4	#	0	0	0	2	10	10	7
03-05 LST	12	15	16	13	6	1	0	0	0	2	7	9	6
06-08 LST	11	12	17	18	6	#	0	0	0	2	9	11	7
09-11 LST	12	17	20	15	8	0	0	0	#	2	9	14	8
12-14 LST	13	11	14	14	6	0	0	0	#	2	12	11	7
15-17 LST	13	12	12	16	6	#	0	0	#	3	9	13	7
18-20 LST	12	11	15	12	6	1	0	0	0	3	9	11	7
21-23 LST	13	16	16	15	5	#	0	#	#	3	9	12	8
ALL HOURS	12	13	16	15	6	#	0	#	#	3	9	11	7

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	1	0	0	0	#	0	1	1	1	#
03-05 LST	0	#	0	#	0	0	0	1	0	1	1	1	#
06-08 LST	1	#	#	0	0	0	0	0	#	1	0	1	#
09-11 LST	0	#	0	#	0	0	0	0	#	1	#	1	#
12-14 LST	#	#	#	#	0	0	0	0	0	2	#	1	#
15-17 LST	0	0	#	0	#	#	#	0	0	1	1	1	#
18-20 LST	0	0	#	0	0	0	0	0	#	1	1	1	#
21-23 LST	0	0	0	0	#	0	0	1	0	1	1	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	1	#	1	#

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, THREE HOURLY, JAN 73 - DEC 86
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	5	10	25	28	33	34	21	8	6	6	5	15
03-05 LST	2	4	10	28	31	44	42	25	11	5	5	4	18
06-08 LST	3	4	12	29	38	48	50	29	14	7	5	4	20
09-11 LST	6	8	11	22	25	25	30	15	12	10	5	8	15
12-14 LST	5	3	8	15	16	11	17	11	9	7	8	7	15
15-17 LST	5	6	7	15	16	15	16	13	9	6	6	7	10
18-20 LST	4	5	10	16	18	18	20	15	9	7	6	7	11
21-23 LST	2	4	7	23	22	24	26	17	6	7	5	6	12
ALL HOURS	4	5	10	22	24	27	29	18	10	7	6	6	14

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	4	9	19	23	28	31	17	5	4	5	5	13
03-05 LST	2	4	8	22	23	37	38	18	7	3	4	4	14
06-08 LST	3	3	9	23	28	38	37	19	7	6	3	4	15
09-11 LST	4	6	7	13	16	14	20	8	5	5	4	7	9
12-14 LST	3	3	6	9	8	6	11	7	2	3	5	6	6
15-17 LST	3	4	5	9	11	7	11	8	3	3	5	7	6
18-20 LST	2	5	7	10	14	11	14	8	4	4	4	5	7
21-23 LST	2	4	6	18	19	19	23	13	3	4	3	5	10
ALL HOURS	3	4	7	15	18	20	23	12	4	4	4	5	10

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	5	14	20	25	27	13	3	2	3	3	10
03-05 LST	1	2	5	16	19	34	33	14	6	1	2	2	11
06-08 LST	1	1	6	16	22	33	30	14	6	3	2	3	11
09-11 LST	3	3	4	10	8	5	12	4	3	2	3	5	5
12-14 LST	2	2	4	7	4	5	7	2	1	1	5	4	4
15-17 LST	2	3	4	5	5	4	6	3	2	2	3	4	4
18-20 LST	2	2	5	7	10	7	11	6	3	3	3	2	5
21-23 LST	1	2	5	12	15	17	21	8	1	3	2	2	7
ALL HOURS	2	2	5	11	13	16	18	8	3	2	3	3	7

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	2	5	12	7	2	#	#	1	1	3
03-05 LST	0	1	#	2	5	13	9	3	2	0	#	1	3
06-08 LST	0	#	#	#	8	15	11	5	3	1	0	1	4
09-11 LST	0	1	0	#	2	1	3	1	#	#	1	#	1
12-14 LST	#	1	#	#	0	2	2	0	0	0	#	1	1
15-17 LST	#	0	1	#	1	2	1	1	1	#	1	0	1
18-20 LST	0	0	#	1	2	3	2	#	1	1	#	1	1
21-23 LST	0	#	0	2	4	8	8	1	4	1	#	1	2
ALL HOURS	#	#	#	1	3	7	5	2	1	#	#	#	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SUKHAYA-IN-BURYAT
LOCATION: 52°34'N, 107°09'E
PREPARED BY: USAFETAC/ECR, JUN 1988

STATION #: 307260
ELEVATION (FEET): 1,509
PERIOD: 7301-8612

ICAO ID: NONE
LST = GMT +8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1	34	45	45	68	77	79	86	85	70	63	47	48	86
MEAN DLY MAX 1	6	6	20	34	45	56	62	61	52	39	28	18	36
MEAN 1	0	0	13	28	40	51	58	56	47	34	23	12	30
MEAN DLY MIN 1	-7	-8	-3	22	34	45	52	50	40	27	15	-6	23
EXTREME MIN 1	-32	-36	-22	-10	18	29	41	37	25	-1	-8	-26	-36
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 32 1	29	26	28	27	14	#	0	0	4	25	30	31	214
# DAYS ≤ 0 1	22	22	11	1	0	0	0	0	0	#	1	8	64
2. PRECIPITATION (INCHES)													
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN 2	0.2	0.1	0.1	0.2	0.5	1.3	2.7	2.4	1.1	0.3	0.4	0.4	9.7
MINIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.01 2	0.3	0.1	0.5	6.5	1.1	1.7	3.6	2.2	1.6	0.5	0.6	0.4	3.6
# DAYS ≤ 0.5 2	8	4	3	4	6	9	12	11	8	6	9	10	90
3. SNOWFALL (INCHES)													
MEAN 1	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM 1	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR 1	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.1 1	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS ≤ 1.5 1	#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (02 LST) 1	76	78	75	73	75	83	87	85	80	68	67	70	76
RH (17 LST) 1	72	72	67	64	61	68	76	74	67	59	61	67	67
VAPOR PRESS 1	.04	.04	.06	.11	.18	.30	.41	.38	.26	.13	.08	.06	.17
DEWPOINT 1	-5	-5	5	19	30	44	52	50	39	23	12	4	22
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLC DRCTN 1	SE	SE	SE	NE	NE	\$NNE	\$NNE	NE	SE	SE	SE	SE	SE
MEAN SPEED (PVLC DRCTN) 1	5	5	5	10	11	8	7	9	6	6	6	7	7
MEAN SPEED (ALL OBS) 1	6	6	7	7	7	6	6	7	8	8	9	9	7
MAX (PK GST) 1	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT 1	2400	2500	2150	2150	2800	2950	2500	2650	2150	2600	2020	1930	2950
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	#	#	#	#	#	#	#	#	#	#	#	#	#
DAYS TSTMS 1	#	0	#	#	#	2	4	3	1	#	#	#	10
DAYS FOG < 7 1	#	#	#	#	#	1	3	1	1	0	#	#	7
DAYS BNBD < 7 1	0	#	0	0	0	0	#	0	0	#	0	#	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ - % CALM > PVLG DRCTN
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	3	2	6	10	13	11	12	8	9	12	8
03-05 LST	3	1	2	3	6	10	15	12	13	11	8	14	8
06-08 LST	6	5	3	4	6	12	18	17	11	11	12	14	10
09-11 LST	10	5	2	7	5	10	13	18	16	11	14	19	11
12-14 LST	8	3	3	6	4	7	14	12	10	7	11	16	8
15-17 LST	6	4	2	5	3	9	12	10	11	5	9	16	8
18-20 LST	4	1	1	2	5	11	11	11	11	8	11	14	7
21-23 LST	5	1	2	3	6	6	10	12	9	6	9	14	7
ALL HOURS	6	3	2	4	5	9	13	13	12	8	10	15	8

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	1	1	2	5	5	3	1	2	4	2
03-05 LST	2	1	1	1	1	4	9	5	3	1	2	6	3
06-08 LST	3	5	3	3	2	6	13	8	4	3	3	6	5
09-11 LST	8	4	2	3	3	6	10	11	4	4	6	12	6
12-14 LST	6	2	3	4	2	3	7	5	3	3	4	10	4
15-17 LST	5	4	2	3	1	5	8	5	2	1	3	9	4
18-20 LST	2	1	1	1	2	4	6	5	3	1	3	6	3
21-23 LST	3	1	1	1	1	1	3	5	2	1	2	5	2
ALL HOURS	4	2	2	2	2	4	8	6	3	2	3	7	4

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	#	#	1	3	2	1	#	1	3	1
03-05 LST	1	0	1	1	1	2	4	2	1	1	1	4	1
06-08 LST	1	1	#	1	0	4	6	4	1	1	1	3	2
09-11 LST	1	#	1	2	1	1	5	4	2	1	2	6	2
12-14 LST	#	0	1	1	1	#	2	1	1	1	1	6	1
15-17 LST	1	#	0	1	0	2	3	2	#	#	#	4	1
18-20 LST	1	#	#	1	1	2	2	2	2	#	2	3	1
21-23 LST	1	0	1	1	1	1	2	3	1	#	0	2	1
ALL HOURS	1	#	1	1	#	2	3	2	1	1	1	4	1

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO.):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	#	1	2	1	1	#	#	#	#
03-05 LST	0	0	#	0	#	2	3	1	#	#	0	#	1
06-08 LST	#	0	0	#	0	3	4	2	#	0	1	#	1
09-11 LST	0	#	0	#	#	1	3	2	1	1	1	1	1
12-14 LST	0	0	1	0	0	#	1	1	0	#	1	1	#
15-17 LST	0	0	0	0	0	1	1	1	0	0	0	#	#
18-20 LST	0	0	0	#	#	1	1	1	1	0	#	1	#
21-23 LST	#	0	0	0	0	1	1	2	1	0	0	#	#
ALL HOURS	#	#	#	#	#	1	2	1	#	#	#	#	1

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: SUKHAYA-IN-BURYAT
LOCATION: 52°34'N, 107°09'E
PREPARED BY: USAFETAC/ECR, JUN 1988

STATION #: 307260
ELEVATION (FEET): 1,509
PERIOD: 7301-8612

ICAO ID: NONE
LST - GMT +8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	2	1	1	#	0	0	#	#
03-05 LST	0	0	0	0	0	#	#	#	#	0	0	0	#
06-08 LST	0	0	#	#	#	#	1	0	0	0	#	0	#
09-11 LST	0	0	0	0	0	0	2	0	0	0	0	0	#
12-14 LST	0	0	0	0	0	1	1	1	0	0	#	1	#
15-17 LST	0	0	0	#	#	2	2	#	#	0	0	0	#
18-20 LST	#	0	0	0	0	1	1	0	#	#	0	0	#
21-23 LST	0	0	0	0	0	#	1	1	0	0	0	0	#
ALL HOURS	#	0	#	#	#	1	1	#	#	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	4	7	9	8	6	4	0	#	3
03-05 LST	0	0	0	1	4	5	8	8	9	2	#	#	3
06-08 LST	0	#	0	1	4	6	9	7	9	3	#	1	3
09-11 LST	#	#	0	#	4	9	8	10	8	2	#	1	4
12-14 LST	#	#	0	1	3	6	8	9	7	1	#	1	3
15-17 LST	0	#	0	1	3	7	6	6	7	2	0	#	3
18-20 LST	1	#	0	1	2	6	6	7	6	2	1	#	3
21-23 LST	0	0	0	1	3	4	6	7	6	2	#	0	2
ALL HOURS	#	#	0	1	4	6	8	8	7	2	#	#	3

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	4	2	1	2	0	0	0	0	3	5	10	3
03-05 LST	8	4	3	3	1	#	0	#	1	4	4	10	3
06-08 LST	8	5	4	5	1	#	0	0	0	3	5	11	3
09-11 LST	12	6	3	5	1	0	0	0	#	6	9	17	5
12-14 LST	9	5	3	5	2	#	0	0	#	3	9	13	4
15-17 LST	6	7	2	3	1	0	0	0	0	2	8	11	3
18-20 LST	5	4	3	2	2	0	0	0	0	1	7	12	3
21-23 LST	5	3	3	1	1	0	#	0	0	1	7	11	3
ALL HOURS	7	5	3	3	1	#	#	#	#	3	7	12	3

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	#	1	1	0	#	#	#	1	1	#
03-05 LST	#	0	0	#	0	0	0	0	1	#	1	1	#
06-08 LST	#	1	#	#	#	0	0	0	#	#	1	1	#
09-11 LST	#	#	#	1	0	1	0	0	#	1	1	1	#
12-14 LST	0	0	1	1	1	#	1	#	1	0	2	0	1
15-17 LST	0	0	1	#	1	0	0	0	#	0	1	#	#
18-20 LST	0	0	#	#	0	0	#	0	0	1	1	1	#
21-23 LST	0	0	#	0	0	0	0	0	1	0	0	1	#
ALL HOURS	#	#	#	#	#	#	#	#	1	#	1	1	#

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84
 2. CLIMATIC HANDBOOK OF USSR
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	#	#	1	3	2	1	#	1	3	1
03-05 LST	1	0	1	1	1	2	4	2	1	1	1	4	1
06-08 LST	1	1	#	1	0	4	6	4	1	1	1	3	2
09-11 LST	1	#	1	2	1	1	4	3	2	1	2	6	2
12-14 LST	#	0	1	1	1	#	2	1	1	1	1	6	1
15-17 LST	1	#	0	1	0	2	3	2	#	#	#	4	1
18-20 LST	1	#	#	1	1	2	2	2	2	#	2	3	1
21-23 LST	1	0	1	1	1	1	2	3	1	#	0	2	1
ALL HOURS	1	#	1	1	#	2	3	2	1	1	1	4	1

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	1	#	#	1	3	1	1	#	1	3	1
03-05 LST	1	0	1	#	1	2	4	2	1	0	1	3	1
06-08 LST	1	1	#	1	0	4	5	3	#	1	1	3	2
09-11 LST	1	#	1	1	1	1	4	3	2	1	2	6	2
12-14 LST	#	0	1	1	1	#	2	1	1	1	1	6	1
15-17 LST	#	#	0	1	0	2	2	1	#	#	#	3	1
18-20 LST	1	#	#	1	1	1	1	2	2	#	1	3	1
21-23 LST	1	0	1	1	0	1	1	2	1	0	#	1	1
ALL HOURS	1	#	1	1	#	1	3	2	1	#	1	4	1

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	#	1	2	1	1	#	#	1	1
03-05 LST	#	0	1	0	#	2	3	1	#	#	0	2	1
06-08 LST	1	0	#	#	0	3	4	2	#	0	1	2	1
09-11 LST	0	#	0	1	1	1	3	2	1	1	1	2	1
12-14 LST	#	0	1	1	0	#	1	1	0	#	1	4	1
15-17 LST	#	0	0	1	0	2	1	1	0	#	#	2	1
18-20 LST	#	0	0	#	#	1	1	1	1	#	#	2	1
21-23 LST	#	0	#	0	0	1	1	2	1	0	0	1	#
ALL HOURS	#	#	#	#	#	1	2	1	#	#	#	2	1

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	0	1	2	#	1	#	#	#	#
03-05 LST	0	0	#	0	#	1	2	1	#	#	0	#	#
06-08 LST	0	0	0	#	0	3	4	1	0	0	1	#	1
09-11 LST	0	#	0	#	#	1	3	1	#	1	1	1	1
12-14 LST	0	0	1	0	0	#	1	#	0	#	1	0	#
15-17 LST	0	0	0	0	0	1	1	0	0	0	0	0	#
18-20 LST	0	0	0	#	#	1	1	1	1	0	0	1	#
21-23 LST	#	0	0	0	0	1	#	1	1	0	0	#	#
ALL HOURS	#	#	#	#	#	1	2	1	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SVERDLOVSK, RUSSIA
LOCATION: 5648N 6039E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 284400
ELEVATION (FEET): 778
PERIOD: 5801-8812

ICAO: USSS
LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	43	43	59	82	86	93	93	88	85	70	54	93
MEAN DAILY MAX	1	11	15	30	47	60	68	72	66	56	38	25	42
MEAN	1	6	8	22	39	51	60	64	59	49	34	21	35
MEAN DAILY MIN	1	0	0	13	29	40	49	55	49	40	28	15	27
EXTREME MIN	1	-44	-34	-35	-1	12	27	38	30	19	-10	-27	-46
# DAYS GE 90	1	0	0	0	0	0	#	#	0	0	0	0	1
# DAYS LE 32	1	31	28	30	20	6	1	0	#	4	21	29	199
# DAYS LE 0	1	16	15	5	#	0	0	0	0	#	5	11	53
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	.6	.5	.6	.8	1.8	2.6	3.2	2.8	1.7	1.2	1.0	.9
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	.6	.3	.6	1.0	1.3	1.8	3.0	1.8	1.3	.8	1.1	.6
# DAYS GE 0.004	1	24	19	17	13	15	14	13	16	16	21	22	23
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	20	16	14	7	2	#	0	0	1	14	18	19
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (X) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (4 LST)	1	83	82	84	81	78	83	87	89	89	86	84	83
RH (13 LST)	1	78	70	61	52	47	52	58	61	62	71	77	79
VAPOR PRESS	1	.06	.06	.10	.16	.23	.36	.44	.38	.27	.16	.10	.07
DEWPOINT	1	2	3	15	27	37	48	54	50	41	28	16	6
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	W	W	W	W	\$W	\$W	\$W	\$W	W	W	W	W
MEAN SPEED													
(PVLG DRCTN)	1	9	9	9	10	10	9	7	8	9	10	10	9
MEAN SPEED													
(ALL OBS)	1	7	7	7	8	7	7	6	6	7	8	8	7
MAX PEAK GUST		*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	1740	1610	1700	1700	1500	1380	1400	1450	1660	1680	1770	1770
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	5	5	5	5	5	5	5	6	6	6	5
DAYS TSTMS	1	#	#	#	#	3	7	8	4	1	0	#	25
DAYS FOG LT 7	1	15	14	15	12	10	11	15	15	13	11	11	157
DAYS BNBD LT 7	1	#	#	#	#	#	#	#	#	#	#	#	2
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

(SVERDLOVSK, RUSSIA)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
C - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 58 - DEC 88, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 62, VARIED YEARS OF RECORD

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	67	61	58	54	42	46	45	54	60	70	74	71	58
03-05 LST	69	64	58	50	45	44	48	52	59	66	75	71	58
06-08 LST	63	53	48	35	32	33	37	39	48	60	62	66	48
09-11 LST	64	53	47	40	38	40	42	44	48	65	66	67	51
12-14 LST	56	45	40	36	32	34	35	37	41	60	63	66	45
15-17 LST	63	55	48	36	36	38	37	38	48	65	69	71	50
18-20 LST	65	57	53	46	45	46	47	50	56	70	72	73	57
21-23 LST	69	59	54	51	49	53	52	56	58	67	76	73	60
ALL HOURS	65	56	51	43	40	42	43	46	52	66	70	70	54

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	60	57	53	49	39	42	43	51	56	62	65	65	54
03-05 LST	64	60	53	47	42	40	45	47	52	56	63	64	53
06-08 LST	57	49	38	27	22	27	30	31	36	47	53	60	40
09-11 LST	60	50	39	33	30	31	33	35	36	49	57	62	43
12-14 LST	51	40	31	28	26	27	29	29	28	43	51	59	37
15-17 LST	57	50	42	31	30	33	33	34	42	53	56	64	44
18-20 LST	59	53	49	42	41	43	45	47	52	60	63	67	52
21-23 LST	63	54	48	47	47	51	50	53	52	60	65	66	55
ALL HOURS	59	52	44	38	35	37	39	41	44	54	59	63	47

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	16	11	12	7	9	10	12	15	17	19	21	14
03-05 LST	21	19	14	11	8	9	12	13	17	16	17	18	15
06-08 LST	25	23	11	9	5	8	9	11	15	18	19	24	15
09-11 LST	22	16	10	7	5	4	4	5	9	15	15	20	11
12-14 LST	19	9	4	4	4	4	3	4	5	11	13	18	8
15-17 LST	17	8	5	5	3	4	3	3	5	11	10	17	8
18-20 LST	18	12	8	8	6	6	6	8	10	13	14	20	11
21-23 LST	18	10	6	7	5	5	4	5	10	10	14	17	9
ALL HOURS	20	14	9	8	5	6	6	8	11	14	15	19	11

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	2	1	2	2	2	3	2	1	2	2
03-05 LST	2	1	1	2	1	1	2	1	2	1	1	1	1
06-08 LST	4	2	1	1	1	#	1	1	2	2	2	3	2
09-11 LST	3	1	0	1	#	0	#	#	0	1	1	3	1
12-14 LST	2	#	#	#	#	#	0	0	0	1	1	2	1
15-17 LST	1	1	0	#	#	#	#	#	0	1	1	1	1
18-20 LST	1	1	1	#	#	#	#	#	1	1	1	2	1
21-23 LST	1	1	1	1	1	0	1	1	1	2	1	2	1
ALL HOURS	2	1	1	1	1	#	1	1	1	1	1	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SVERDLOVSK, RUSSIA
LOCATION: 5648N 6039E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 284400
ELEVATION (FEET): 778
PERIOD: 5801-8812

ICAO: USSS
LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	0	#	1	1	#	0	0	#	#	#
03-05 LST	#	#	#	0	0	1	1	#	#	0	#	0	#
06-08 LST	0	0	#	#	0	#	#	1	0	0	#	0	#
09-11 LST	#	0	#	0	1	2	2	#	0	0	0	0	#
12-14 LST	#	0	0	0	1	3	5	2	#	0	#	#	1
15-17 LST	0	#	#	0	1	3	3	1	#	0	#	0	1
18-20 LST	#	0	0	0	1	3	3	1	#	0	#	#	1
21-23 LST	0	0	0	0	1	2	2	1	#	0	0	#	1
ALL HOURS	#	#	#	#	1	2	2	1	#	0	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	1	5	7	9	8	9	13	9	2	1	5
03-05 LST	0	#	#	6	9	10	10	9	13	8	2	1	6
06-08 LST	0	#	1	4	8	9	8	12	11	8	3	#	6
09-11 LST	#	#	1	5	9	10	7	12	12	9	2	1	6
12-14 LST	#	1	1	6	8	11	11	13	14	10	2	#	6
15-17 LST	0	#	1	5	9	12	10	11	14	9	2	#	6
18-20 LST	#	1	#	7	10	12	9	11	13	10	2	1	6
21-23 LST	#	1	1	4	8	11	8	11	13	8	2	#	6
ALL HOURS	#	#	1	5	9	11	9	11	13	9	2	1	6

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	38	34	20	7	2	#	0	0	1	19	30	31	15
03-05 LST	40	36	22	9	2	1	0	0	2	19	30	31	16
06-08 LST	44	39	23	10	3	#	0	0	1	21	37	37	18
09-11 LST	37	33	19	9	3	#	0	0	2	22	37	32	16
12-14 LST	31	25	17	9	3	#	0	0	2	22	29	28	14
15-17 LST	29	22	15	8	2	#	0	0	1	18	27	29	13
18-20 LST	32	25	16	6	2	#	0	0	1	18	27	31	13
21-23 LST	35	28	17	8	1	#	0	0	1	17	31	32	14
ALL HOURS	36	30	19	8	2	#	0	0	1	20	31	32	15

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	#	#	0	0	0	0	#	#	#	#
03-05 LST	0	#	#	#	#	0	0	0	0	#	1	#	#
06-08 LST	0	0	#	#	#	#	0	0	#	#	1	#	#
09-11 LST	#	#	#	1	#	#	0	0	#	#	#	#	#
12-14 LST	#	1	#	1	1	#	#	0	0	#	0	1	#
15-17 LST	#	#	0	#	1	#	0	0	#	#	#	#	#
18-20 LST	#	#	#	0	#	0	#	#	0	#	#	#	#
21-23 LST	#	#	0	#	0	#	0	0	0	#	0	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

(SVERDLOVSK, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 58 - DEC 88, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 62, VARIED YEARS OF RECORD

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	16	10	11	6	8	9	11	13	14	17	20	13
03-05 LST	20	18	13	10	7	8	11	12	14	13	14	16	13
06-08 LST	24	23	11	8	5	6	7	10	13	16	17	22	13
09-11 LST	22	16	9	5	4	4	3	4	7	12	13	18	10
12-14 LST	19	8	4	4	3	3	2	3	4	10	11	18	7
15-17 LST	17	7	5	4	3	3	2	2	3	9	9	16	7
18-20 LST	18	11	7	8	6	6	5	6	9	12	13	19	10
21-23 LST	17	10	6	7	4	4	4	5	9	9	11	16	8
ALL HOURS	19	14	8	7	5	5	5	7	9	12	13	18	10

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	13	9	7	4	4	5	8	9	11	13	16	10
03-05 LST	15	13	9	7	4	5	7	7	9	9	8	13	9
06-08 LST	18	15	7	5	3	3	4	5	8	10	10	16	9
09-11 LST	17	12	7	3	2	2	2	2	4	9	10	15	7
12-14 LST	14	6	2	2	1	2	1	1	1	7	8	13	5
15-17 LST	15	6	4	3	1	2	1	1	1	7	7	14	5
18-20 LST	15	9	6	6	4	4	4	5	5	10	11	16	8
21-23 LST	14	7	4	4	2	2	2	3	6	6	8	11	6
ALL HOURS	15	10	6	5	3	3	3	4	5	8	22	14	8

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	1	2	2	2	3	3	3	3	3	5	3
03-05 LST	5	2	3	3	2	2	3	2	4	3	3	5	3
06-08 LST	11	8	4	3	1	1	1	2	4	5	4	10	4
09-11 LST	9	5	2	1	1	#	1	#	1	3	5	7	3
12-14 LST	6	2	1	1	1	#	#	#	#	2	3	6	2
15-17 LST	4	2	1	1	1	#	1	#	0	1	2	5	1
18-20 LST	3	1	1	1	1	#	1	1	1	2	3	5	2
21-23 LST	4	2	1	1	1	#	1	1	1	3	2	4	2
ALL HOURS	5	3	2	2	1	1	1	1	2	3	16	6	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	1	1	2	2	2	1	1	1	1
03-05 LST	#	#	#	#	#	1	1	1	2	1	#	1	1
06-08 LST	2	#	#	#	#	#	1	1	2	#	#	1	1
09-11 LST	1	#	#	#	0	0	0	#	0	#	1	1	#
12-14 LST	#	#	#	#	#	0	0	0	0	#	#	1	#
15-17 LST	#	#	0	#	#	#	0	#	0	#	#	#	#
18-20 LST	#	#	1	#	#	0	#	#	#	1	#	1	#
21-23 LST	#	#	#	#	1	0	1	1	1	1	#	1	#
ALL HOURS	1	#	#	#	#	#	#	1	1	1	#	1	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SVOBODNIY, USSR
 LOCATION: 51°23'N, 128°08'E
 PREPARED BY: USAFETAC/ECR, JUL 1988

STATION #: 314450
 ELEVATION (FEET): 646
 PERIOD: VARIED

ICAO ID: N/A
 LST - GMT +9

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 2	25	36	54	81	90	97	104	95	90	77	46	34	104
MEAN DLY MAX 1	-3	6	24	45	62	73	77	72	61	41	16	-1	39
MEAN 1	-15	-5	14	36	52	64	69	63	51	31	6	-11	30
MEAN DLY MIN 1	-24	-17	0	26	40	52	58	53	40	20	-3	-20	19
EXTREME MIN 2	-60	-60	-51	-20	10	25	30	25	9	-26	-47	-62	-62
# DAYS > 90 1	0	0	0	0	0	1	1	0	0	0	0	0	3
# DAYS ≥ 32 1	31	28	30	23	5	0	0	0	5	28	30	31	210
# DAYS ≤ 0 1	30	26	16	0	0	0	0	0	0	1	20	30	124
2. PRECIPITATION (INCHES)													
MAXIMUM 3	0.2	0.2	0.5	0.9	1.8	4.1	5.2	4.9	3.1	0.9	0.5	0.3	22.6
MEAN 3	0.2	0.2	0.5	0.9	1.8	4.1	5.2	4.9	3.1	0.9	0.5	0.3	22.6
MINIMUM 3	0.2	0.2	0.5	0.9	1.8	4.1	5.2	4.9	3.1	0.9	0.5	0.3	22.6
MAX 24 HR 3	0.2	0.2	0.5	0.9	1.8	4.1	5.2	4.9	3.1	0.9	0.5	0.3	22.6
# DAYS > 0.01 3	0.2	0.2	0.5	0.9	1.8	4.1	5.2	4.9	3.1	0.9	0.5	0.3	22.6
# DAYS ≥ 0.5 3	0.2	0.2	0.5	0.9	1.8	4.1	5.2	4.9	3.1	0.9	0.5	0.3	22.6
3. SNOWFALL (INCHES)													
MEAN 3	0.2	0.2	0.5	0.9	1.8	4.1	5.2	4.9	3.1	0.9	0.5	0.3	22.6
MAXIMUM 3	0.2	0.2	0.5	0.9	1.8	4.1	5.2	4.9	3.1	0.9	0.5	0.3	22.6
MAX 24 HR 3	0.2	0.2	0.5	0.9	1.8	4.1	5.2	4.9	3.1	0.9	0.5	0.3	22.6
# DAYS > 0.1 3	0.2	0.2	0.5	0.9	1.8	4.1	5.2	4.9	3.1	0.9	0.5	0.3	22.6
# DAYS ≥ 1.5 3	0.2	0.2	0.5	0.9	1.8	4.1	5.2	4.9	3.1	0.9	0.5	0.3	22.6
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (mmHg) / DEWPOINT (°F)													
RH (12 LST) 1	72	71	74	76	75	85	91	92	86	75	76	74	79
RH (21 LST) 1	57	50	46	39	36	46	57	57	47	40	53	60	49
VAPOR PRESS 1	.02	.02	.06	.12	.20	.39	.53	.45	.27	.11	.05	.02	.19
DEWPOINT 1	-22	-14	2	20	33	50	59	55	40	16	-2	-17	18
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	\$NNW	NW	NW	NW	\$NW	\$S	\$S	\$NNW	\$NNW	NNW	\$NNW	\$NNW	\$NNW
MEAN SPEED (PVLG DRCTN) 1	7	7	7	8	8	6	6	7	7	8	8	7	7
MEAN SPEED (ALL OBS) 1	4	5	6	7	7	5	4	5	5	6	5	4	5
MAX (PK GST) 1	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT 1	1150	1100	1200	1550	1750	1600	1650	1600	1400	1400	1400	1200	1750
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	3	3	4	5	5	5	5	5	5	4	4	3	4
DAYS TSMS 1	0	0	0	0	1	6	6	4	2	0	0	0	20
DAYS FOG < 7 1	0	0	0	0	2	3	6	7	4	2	0	0	59
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLC DRCTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV FOR 7301-8612
 2. NATIONAL INTELLIGENCE SURVEY, FOR 44 YRS
 3. CLIMATE HANDBOOK OF THE USSR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	1	4	13	6	9	15	17	12	4	4	3	8
06-08 LST	3	3	9	28	21	22	43	38	28	7	5	2	17
09-11 LST	33	17	18	26	21	20	30	36	25	18	16	26	24
12-14 LST	21	13	12	22	17	17	25	30	20	17	18	21	19
15-17 LST	17	13	11	22	17	15	19	22	19	14	11	23	17
18-20 LST	4	21	6	17	14	12	17	21	15	19	6	6	13
21-23 LST	2	2	4	13	15	24	26	19	11	6	4	4	11
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	1	4	10	5	5	11	11	8	3	3	3	5
06-08 LST	3	3	9	26	17	20	39	35	26	5	4	2	16
09-11 LST	33	17	18	23	17	18	28	32	23	17	16	26	22
12-14 LST	21	13	12	17	10	11	17	21	15	16	18	21	16
15-17 LST	17	13	10	13	10	9	10	16	12	12	11	23	13
18-20 LST	4	21	5	14	10	8	10	16	11	18	5	6	11
21-23 LST	2	2	4	10	13	20	22	12	6	5	3	4	9
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	1	3	7	2	3	8	9	6	2	2	2	4
06-08 LST	1	1	3	11	7	11	21	22	11	3	3	1	8
09-11 LST	6	3	6	8	6	11	16	20	15	6	6	6	9
12-14 LST	2	2	4	7	3	5	6	12	7	6	6	4	5
15-17 LST	2	2	4	5	3	2	3	8	3	6	4	2	4
18-20 LST	2	2	3	6	3	1	5	6	4	5	4	3	4
21-23 LST	2	2	3	8	2	2	4	7	4	4	2	2	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	0	#	1	0	1	2	1	1	0	#	1	1
06-08 LST	0	0	#	2	1	3	9	6	3	#	0	0	2
09-11 LST	#	0	1	1	#	1	2	3	2	0	1	1	1
12-14 LST	0	#	1	1	1	#	#	0	0	1	#	#	#
15-17 LST	1	#	0	#	0	0	0	0	0	0	0	0	#
18-20 LST	0	#	#	#	0	#	1	0	#	#	0	#	#
21-23 LST	#	#	#	#	#	#	1	1	#	#	#	1	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: SVOVODNIY, USSR
LOCATION: 51°23'N, 128°08'E
PREPARED BY: USAFETAC/ECR, JUL 1988

STATION #: 314450
ELEVATION (FEET): 646
PERIOD: 7301-8612

ICAO ID: N/A
LST - GMT +9

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	0	0	1	1	1	0	0	0	0	#
06-08 LST	0	0	0	#	0	#	1	1	0	0	0	0	#
09-11 LST	0	0	0	0	0	1	#	#	#	#	0	0	#
12-14 LST	0	0	0	0	#	1	1	0	0	0	0	0	#
15-17 LST	0	0	0	0	1	2	4	1	1	0	0	0	1
18-20 LST	0	0	0	0	0	2	4	1	1	0	0	0	1
21-23 LST	0	0	0	0	#	1	1	1	1	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	4	5	5	6	8	7	1	0	0	3
06-08 LST	0	0	1	3	6	7	5	10	6	1	#	0	3
09-11 LST	0	#	0	2	6	7	8	7	7	0	0	#	3
12-14 LST	#	0	#	2	5	5	7	9	6	2	0	0	3
15-17 LST	0	#	#	3	7	6	7	8	6	2	0	0	3
18-20 LST	#	0	0	4	7	7	8	9	8	2	0	0	4
21-23 LST	#	0	#	4	5	6	5	8	6	2	#	#	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	6	6	4	1	0	0	0	0	3	6	9	3
06-08 LST	7	7	6	7	1	0	0	0	1	6	9	9	4
09-11 LST	6	8	8	3	2	0	0	0	1	5	9	10	4
12-14 LST	6	6	7	6	1	0	0	0	#	4	8	8	4
15-17 LST	4	5	7	2	0	0	0	0	0	5	6	8	3
18-20 LST	6	5	5	4	#	0	0	0	#	4	7	9	3
21-23 LST	6	5	5	4	1	0	0	0	#	3	5	8	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	1	#	#	#	0	0	#	#	#	0	0	#
06-08 LST	0	0	0	#	1	0	0	0	1	0	#	0	#
09-11 LST	0	#	0	1	0	0	#	1	0	#	0	#	#
12-14 LST	#	#	#	1	1	1	#	0	0	#	#	#	#
15-17 LST	#	0	0	1	1	0	0	#	#	#	0	0	#
18-20 LST	#	0	0	1	1	0	1	#	0	#	#	#	#
21-23 LST	0	#	#	#	1	0	#	#	#	#	#	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	1	3	7	2	3	8	8	6	2	1	2	4
06-08 LST	1	1	2	10	7	11	19	21	10	3	3	6	7
09-11 LST	6	3	6	8	5	10	14	18	14	6	6	6	8
12-14 LST	2	2	4	6	3	5	6	10	6	6	6	4	5
15-17 LST	2	2	4	5	3	2	2	7	3	5	4	2	3
18-20 LST	2	2	3	6	3	1	4	5	4	5	3	3	3
21-23 LST	2	2	3	7	2	2	4	6	4	4	2	2	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	1	3	5	1	1	6	6	4	1	1	1	3
06-08 LST	#	1	2	8	2	7	15	16	7	2	2	1	5
09-11 LST	6	3	6	7	3	6	8	13	8	5	6	5	6
12-14 LST	2	2	4	6	1	2	3	6	2	5	6	4	3
15-17 LST	2	2	4	3	0	1	1	2	1	4	4	2	2
18-20 LST	1	2	2	5	2	1	2	2	2	3	3	3	2
21-23 LST	1	1	3	5	1	1	2	3	3	3	1	2	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	#	1	2	#	1	3	1	2	0	1	1	1
06-08 LST	#	#	1	5	2	3	10	9	4	1	1	0	3
09-11 LST	3	1	3	4	1	2	3	4	3	3	4	2	3
12-14 LST	1	1	3	2	1	1	1	0	0	3	2	2	1
15-17 LST	1	2	3	2	0	0	0	0	0	2	3	1	1
18-20 LST	#	1	2	2	#	#	1	#	1	2	1	1	1
21-23 LST	1	#	1	1	1	#	1	1	1	1	#	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	0	#	1	0	1	2	1	1	0	0	#	#
06-08 LST	0	0	0	2	1	3	8	6	3	0	0	0	2
09-11 LST	0	0	1	1	#	1	2	3	2	0	1	#	1
12-14 LST	0	#	#	1	#	#	#	0	0	#	0	#	#
15-17 LST	1	#	0	#	0	0	0	0	0	0	0	0	#
18-20 LST	0	#	#	#	0	#	#	0	#	#	0	#	#
21-23 LST	#	#	#	#	#	#	1	#	#	#	#	1	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SYKTYVKAR, RUSSIA
 LOCATION: 6140N 5052E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 238040
 ELEVATION (FEET): 315
 PERIOD: 7301-9012

ICAO: UUYV
 LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	36	38	54	72	84	100	91	88	75	70	48	40 100
MEAN DAILY MAX	1	9	14	30	41	55	66	70	63	51	36	23	15 39
MEAN	1	4	9	23	35	47	58	63	56	46	32	20	11 34
MEAN DAILY MIN	1	-1	2	15	26	37	48	53	48	39	28	15	5 26
EXTREME MIN	1	-52	-43	-25	-3	20	28	34	30	21	-10	-35	-50 -52
# DAYS GE 90	1	0	0	0	#	#	#	#	0	0	0	0	1
# DAYS LE 32	1	31	28	30	22	9	1	0	#	6	22	29	31 208
# DAYS LE 0	1	17	13	5	#	0	0	0	0	0	#	5	12 52
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	.6	.5	.6	.7	1.5	2.0	2.7	2.7	2.2	1.7	.9	.8 16.9
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	.3	.2	.5	.4	.7	1.2	1.6	1.3	1.0	.6	.4	.4 1.6
# DAYS GE 0.004	1	26	22	20	17	15	14	14	16	18	23	27	27 239
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	25	21	17	10	3	#	0	#	2	15	24	26 143
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (05 LST)	1	83	84	83	79	77	82	89	91	91	89	87	84 85
RH (17 LST)	1	81	78	65	55	47	52	57	63	69	79	85	84 68
VAPOR PRESS	1	.06	.07	.10	.14	.21	.33	.42	.36	.27	.17	.11	.08 .19
DEWPOINT	1	0	5	16	24	33	46	53	49	41	28	16	7 27
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCIN	1	S	S	S	S	N	N	N	SSW	SSW	SSW	S	S S
MEAN SPEED													
(PVLG DRCIN)	1	9	8	8	8	8	8	7	7	8	9	9	9 8
MEAN SPEED													
(ALL OBS)	1	8	8	8	8	8	7	6	6	7	8	8	8 8
MAX PEAK GUST	1	0	35	0	0	16	19	39	39	17	0	16	25 39
PRESSURE ALT	1	1500	1500	1450	1150	1270	1110	1140	1150	1520	1500	1680	1780 1780
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (ENBD)													
CLD COVER	1	6	6	6	6	6	6	6	6	7	7	7	6
DAYS TSIMS	1	#	#	#	#	2	5	8	4	1	#	#	21
DAYS FOG LT 7	1	7	7	7	6	4	4	7	9	11	8	6	81
DAYS ENBD LT 7	1	#	0	0	#	#	0	0	#	0	0	#	0
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

(SYKTYVKAR, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRTCIN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 60, 10-25 YEARS OF RECORD.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	53	44	33	24	18	18	18	26	39	59	67	58	38
03-05 LST	52	46	37	27	18	21	25	32	46	61	66	59	41
06-08 LST	56	46	38	29	22	25	28	39	56	65	69	60	44
09-11 LST	53	47	36	31	26	26	30	41	52	64	68	61	45
12-14 LST	44	36	36	32	28	27	30	40	50	67	61	53	42
15-17 LST	43	34	34	31	23	22	23	31	41	62	65	53	38
18-20 LST	49	41	28	21	18	18	16	20	34	58	66	60	36
21-23 LST	52	44	31	25	18	16	13	19	32	55	67	60	36
ALL HOURS	50	42	34	28	21	21	23	31	44	61	66	58	40

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	44	33	21	18	11	13	11	15	27	40	52	47	28
03-05 LST	44	36	26	20	12	15	19	23	36	45	54	48	32
06-08 LST	47	38	29	23	16	18	23	30	45	50	59	48	35
09-11 LST	45	40	27	21	14	13	19	25	42	49	56	49	33
12-14 LST	38	27	22	14	11	10	11	14	28	46	53	45	26
15-17 LST	34	24	18	13	10	8	7	9	19	38	48	44	23
18-20 LST	39	28	16	13	9	8	6	8	19	38	52	47	24
21-23 LST	44	34	21	18	10	9	7	9	19	37	52	48	26
ALL HOURS	42	32	22	17	12	12	13	17	29	43	53	47	28

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	16	11	10	6	9	7	10	18	27	32	26	16
03-05 LST	24	16	15	12	7	10	15	15	24	31	34	26	19
06-08 LST	27	18	16	16	10	11	17	22	36	34	38	27	23
09-11 LST	29	25	15	12	8	8	10	16	29	36	37	30	21
12-14 LST	22	13	10	9	5	5	6	5	16	27	31	25	15
15-17 LST	19	11	9	6	4	4	5	4	11	22	28	27	12
18-20 LST	20	12	7	8	5	4	4	2	12	26	30	29	13
21-23 LST	22	14	10	10	5	5	4	6	14	26	30	29	15
ALL HOURS	24	16	12	10	6	7	8	10	20	29	33	27	17

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	2	2	1	1	#	2	3	3	1	#	2
03-05 LST	1	1	1	2	1	1	3	4	4	3	1	1	2
06-08 LST	1	1	1	2	1	1	1	3	6	3	2	1	2
09-11 LST	4	2	1	2	#	1	0	#	2	2	1	2	1
12-14 LST	3	1	#	#	#	#	1	#	#	1	1	2	1
15-17 LST	1	0	1	#	#	1	#	#	#	1	1	1	1
18-20 LST	1	#	1	1	#	0	0	#	#	2	#	1	1
21-23 LST	2	1	1	1	#	#	0	#	1	3	1	1	1
ALL HOURS	2	1	1	1	0	1	1	1	2	2	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SYKTYVKAR, RUSSIA
 LOCATION: 6140N 5052E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 238040
 ELEVATION (FEET): 315
 PERIOD: 7301-9012

ICAO: UUYV
 LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	1	#	1	#	0	#	0	#
03-05 LST	#	#	0	0	#	#	1	#	0	#	0	0	#
06-08 LST	0	0	0	0	0	1	2	#	#	0	#	#	#
09-11 LST	0	#	0	0	0	#	1	1	0	0	0	#	#
12-14 LST	0	0	0	#	1	3	3	1	#	0	#	0	1
15-17 LST	#	0	0	#	1	5	7	3	#	0	0	0	1
18-20 LST	0	0	#	#	1	4	4	2	#	#	#	#	1
21-23 LST	0	#	0	0	1	1	3	2	0	0	0	0	1
ALL HOURS	#	#	#	#	#	2	3	1	#	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	3	5	9	11	7	9	14	12	5	3	7
03-05 LST	1	1	2	7	7	11	8	10	15	11	5	3	7
06-08 LST	1	1	2	7	9	10	10	11	15	13	5	2	7
09-11 LST	2	1	2	6	11	9	9	15	16	14	5	2	8
12-14 LST	1	1	2	6	10	12	10	14	15	13	6	3	8
15-17 LST	1	1	3	7	11	13	12	12	15	14	4	3	8
18-20 LST	1	1	3	8	12	12	11	10	18	13	5	2	8
21-23 LST	1	2	2	6	10	7	10	12	14	14	6	4	7
ALL HOURS	1	1	2	7	10	11	10	12	15	13	5	3	7

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	45	39	22	10	2	#	0	#	2	21	44	48	19
03-05 LST	46	39	25	11	2	#	0	#	2	19	40	43	19
06-08 LST	46	40	26	15	3	#	0	0	4	20	42	47	20
09-11 LST	45	47	32	13	4	1	#	#	4	24	48	48	22
12-14 LST	50	35	25	14	4	1	0	#	2	22	45	51	21
15-17 LST	44	36	23	12	2	1	0	0	2	23	44	41	19
18-20 LST	41	34	18	11	1	1	0	0	2	22	42	45	18
21-23 LST	43	36	20	11	1	1	0	0	2	23	41	48	19
ALL HOURS	45	38	24	12	2	1	#	#	3	22	43	46	20

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	1	#	0	0	0	0	#	#	#
03-05 LST	#	#	0	#	#	#	0	#	0	#	#	#	#
06-08 LST	1	0	#	#	#	#	0	#	#	0	0	#	#
09-11 LST	#	#	#	#	0	#	0	#	#	0	0	#	#
12-14 LST	0	#	0	#	0	0	#	#	#	#	0	#	#
15-17 LST	0	#	#	#	#	0	1	1	0	#	#	0	#
18-20 LST	0	0	#	0	0	#	#	#	0	0	#	#	#
21-23 LST	0	#	#	0	0	#	#	#	#	1	#	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

(SYKTYVKAR, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90 THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	12	8	9	5	7	5	8	15	23	26	19	13
03-05 LST	20	13	12	11	5	8	13	14	20	26	27	20	16
06-08 LST	23	15	13	13	8	8	13	19	30	29	31	22	19
09-11 LST	25	21	13	11	6	6	7	12	24	31	31	21	17
12-14 LST	18	10	8	7	4	3	4	3	11	23	22	22	11
15-17 LST	15	8	7	5	2	3	3	2	7	18	21	20	9
18-20 LST	16	10	6	7	4	2	3	1	8	22	23	21	10
21-23 LST	18	11	9	9	4	4	3	5	10	20	24	24	12
ALL HOURS	20	13	10	9	5	5	6	8	16	24	26	21	13

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	6	5	6	3	3	2	4	8	12	12	7	7
03-05 LST	11	7	6	7	3	4	8	8	13	15	13	6	9
06-08 LST	14	6	7	10	5	3	7	11	19	18	15	9	10
09-11 LST	13	9	7	6	2	2	2	5	11	16	14	8	8
12-14 LST	12	5	4	4	2	1	2	2	4	10	11	10	5
15-17 LST	9	4	4	3	1	2	2	#	3	10	9	9	5
18-20 LST	8	4	2	3	2	1	1	1	3	11	11	10	5
21-23 LST	10	6	5	5	1	2	1	2	5	12	12	11	6
ALL HOURS	11	6	5	5	2	2	3	4	8	13	12	9	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	1	2	3	2	1	1	2	5	6	4	3	3
03-05 LST	4	2	3	5	2	2	5	6	6	8	4	2	4
06-08 LST	4	3	3	4	3	1	2	5	10	7	7	2	4
09-11 LST	7	5	2	3	1	1	#	1	5	7	4	4	3
12-14 LST	6	2	1	1	1	#	1	#	1	2	4	3	2
15-17 LST	4	1	3	1	#	1	1	#	1	4	3	3	2
18-20 LST	3	2	1	1	1	#	0	#	1	4	4	3	2
21-23 LST	5	1	3	2	1	1	#	#	2	4	5	4	2
ALL HOURS	5	2	2	3	1	1	1	2	4	5	4	3	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	1	#	#	#	1	2	1	#	0	1
03-05 LST	1	#	#	#	1	1	3	2	2	1	#	0	1
06-08 LST	#	#	#	1	1	1	1	2	5	1	#	1	1
09-11 LST	1	1	#	1	0	#	0	#	1	1	#	1	1
12-14 LST	1	#	#	#	#	0	1	#	#	1	0	1	#
15-17 LST	#	0	0	#	#	1	#	#	0	1	0	0	#
18-20 LST	#	0	#	#	#	0	0	#	#	1	0	0	#
21-23 LST	1	#	1	1	0	#	0	0	1	1	1	#	#
ALL HOURS	1	#	#	1	#	#	1	1	2	1	#	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TAYSHET-IN-IRKUT, USSR
 LOCATION: 5557N 9801E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 295940
 ELEVATION (FEET): 991
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT +7

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	45	43	56	74	90	94	92	94	80	72	54	50	94
MEAN DAILY MAX	5	10	26	40	55	70	73	67	57	37	23	10	39
MEAN	-2	1	18	33	47	61	64	58	47	31	17	3	32
MEAN DAILY MIN	-10	-8	6	24	37	50	54	48	37	22	9	-3	22
EXTREME MIN	-50	-46	-32	-14	18	33	36	28	16	-16	-32	-48	-50
# DAYS GE 90	0	0	0	0	1	1	1	1	0	0	0	0	4
# DAYS LE 32	31	28	31	25	9	0	0	0	9	27	29	31	220
# DAYS LE 0	23	20	9	1	0	0	0	0	0	2	8	18	81
2. PRECIPITATION (INCHES)													
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 0.004	14	10	10	8	9	7	7	8	7	12	13	13	118
# DAYS GE 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS SNOWFALL	12	9	7	3	1	0	0	0	0	5	9	11	57
# DAYS GE 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (4 LST)	79	78	76	74	73	82	90	92	88	82	79	77	81
RH (16 LST)	74	63	54	46	44	45	54	57	55	62	70	73	58
VAPOR PRESS	.04	.04	.07	.12	.19	.33	.43	.38	.25	.13	.08	.05	.18
DEWPOINT	-6	-4	8	20	31	46	54	50	39	23	10	-1	23
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCN	\$W	\$W	W	W	W	\$W	\$W	\$W	\$W	W	W	\$W	\$W
MEAN SPEED													
(PVLG DRCN)	7	7	8	8	8	6	6	6	6	8	8	8	7
MEAN SPEED													
(ALL OBS)	3	4	5	6	6	5	4	4	4	5	5	4	5
MAX PEAK GUST	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1800	1400	1450	1750	1750	1800	1750	1850	1500	1550	1550	1400	1850
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	5	5	5	5	6	5	5	5	5	6	6	6	5
DAYS TSMS	0	0	0	0	2	4	6	4	1	0	0	0	17
DAYS FOG LT 7	4	3	1	0	0	1	3	2	2	1	1	3	21
DAYS BNBD LT 7	0	0	0	0	0	0	0	0	0	0	0	0	1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGM DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	11	11	13	13	12	13	17	12	24	26	17	15
03-05 LST	13	11	13	18	20	14	20	19	17	26	23	16	17
06-08 LST	18	13	18	20	20	17	25	23	23	29	24	19	21
09-11 LST	27	15	12	26	30	18	23	28	25	33	27	24	24
12-14 LST	13	10	19	29	32	21	24	30	24	36	26	15	23
15-17 LST	12	11	17	22	29	16	20	20	19	28	24	15	19
18-20 LST	15	10	12	19	19	12	17	18	16	25	24	16	17
21-23 LST	15	8	11	10	14	14	16	17	13	22	24	17	15
ALL HOURS	16	11	14	20	22	16	20	21	19	28	25	17	19

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	5	2	1	1	1	2	5	3	3	8	7	4
03-05 LST	7	4	3	5	5	4	7	7	4	4	5	4	5
06-08 LST	9	6	6	5	5	7	12	14	9	6	5	6	7
09-11 LST	21	11	5	5	4	4	9	10	8	11	13	16	10
12-14 LST	6	5	3	2	3	1	4	6	5	7	7	8	5
15-17 LST	7	4	3	1	1	1	3	3	2	5	6	7	4
18-20 LST	10	4	2	3	2	1	3	3	2	6	7	7	4
21-23 LST	8	3	3	1	1	1	3	4	0	4	6	8	4
ALL HOURS	9	5	3	3	3	2	6	6	4	6	7	8	5

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	0	0	#	#	1	2	1	1	1	1	1
03-05 LST	2	1	1	1	1	1	3	4	2	1	1	#	1
06-08 LST	3	2	1	3	1	1	4	6	5	2	2	2	3
09-11 LST	10	6	1	2	2	1	2	3	3	5	5	6	4
12-14 LST	1	2	1	1	1	#	1	1	1	3	2	3	2
15-17 LST	1	1	1	1	#	#	1	#	1	2	2	2	1
18-20 LST	2	1	#	1	#	0	1	#	1	2	1	2	1
21-23 LST	2	#	1	0	1	1	#	#	#	1	1	2	1
ALL HOURS	3	2	1	1	1	1	2	2	2	2	2	2	2

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	#	0	#	#	0	#	#	#	#
03-05 LST	1	0	1	0	1	1	2	2	1	0	0	#	1
06-08 LST	2	1	1	1	#	1	2	3	3	#	#	#	1
09-11 LST	4	3	#	1	#	1	0	#	2	2	1	2	1
12-14 LST	#	1	#	#	#	#	#	0	#	1	#	1	#
15-17 LST	#	#	0	#	#	#	0	0	#	#	0	#	#
18-20 LST	1	#	0	1	#	0	0	#	#	#	#	#	#
21-23 LST	1	0	#	0	0	1	0	#	0	0	#	#	#
ALL HOURS	1	1	#	#	#	#	1	1	1	1	#	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TAYSHET-IN-IRKUT, USSR
 LOCATION: 5557N 9801E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 295940
 ELEVATION (FEET): 991
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT +7

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	1	1	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	2	1	1	0	0	0	0	0
15-17 LST	0	0	0	0	1	1	4	2	0	0	0	0	1
18-20 LST	0	0	0	0	0	3	3	3	1	0	0	0	1
21-23 LST	0	0	0	0	0	1	3	1	0	0	0	0	0
ALL HOURS	0	0	0	0	0	1	2	1	0	0	0	0	0

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	4	6	7	9	10	8	8	1	0	4
03-05 LST	0	0	0	6	6	8	9	8	9	7	1	0	5
06-08 LST	0	0	0	5	12	8	10	11	9	7	2	1	5
09-11 LST	1	1	1	3	9	8	8	10	10	6	1	1	5
12-14 LST	0	0	0	4	11	7	9	11	9	7	1	0	5
15-17 LST	0	0	1	4	11	6	8	8	7	5	1	0	4
18-20 LST	0	0	1	5	7	7	8	8	9	8	1	0	4
21-23 LST	0	0	1	4	6	7	9	10	7	5	0	0	4
ALL HOURS	0	0	1	4	8	7	9	9	8	7	1	0	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	33	27	17	8	1	0	0	0	1	15	26	31	13
03-05 LST	33	29	20	10	2	0	0	0	1	14	24	31	14
06-08 LST	34	29	25	14	5	0	0	0	1	20	27	36	16
09-11 LST	37	30	22	14	7	0	0	0	1	21	35	33	17
12-14 LST	27	27	18	12	6	0	0	0	1	17	28	27	14
15-17 LST	28	22	13	8	3	0	0	0	1	12	26	25	11
18-20 LST	29	18	12	8	1	0	0	0	0	12	22	29	11
21-23 LST	33	20	13	7	1	0	0	0	0	11	25	33	12
ALL HOURS	32	25	18	10	3	0	0	0	1	15	27	31	13

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	1	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	0	0	#	0	1	1	1	1	1	1	1
03-05 LST	2	1	1	1	1	1	3	3	1	0	1	#	1
06-08 LST	3	2	1	3	1	1	4	5	4	1	2	2	2
09-11 LST	10	6	1	2	2	1	1	3	2	5	5	6	4
12-14 LST	1	2	1	1	1	#	1	#	1	3	2	3	1
15-17 LST	1	1	1	1	#	#	1	0	1	2	2	2	1
18-20 LST	2	1	#	1	#	0	#	#	#	2	1	2	1
21-23 LST	2	#	1	0	1	1	#	#	0	1	1	2	1
ALL HOURS	3	2	1	1	1	1	1	2	1	2	2	2	2

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	0	0	#	0	1	1	1	1	#	1	1
03-05 LST	1	1	1	1	1	1	3	2	1	0	0	#	1
06-08 LST	2	2	1	3	1	1	3	4	3	1	1	1	2
09-11 LST	9	5	1	2	1	1	0	2	2	4	4	6	3
12-14 LST	1	2	1	1	1	#	#	#	1	3	2	3	1
15-17 LST	1	1	1	1	#	#	1	0	1	2	2	2	1
18-20 LST	2	#	#	1	#	0	0	#	#	2	1	2	1
21-23 LST	2	0	#	0	1	1	#	#	0	1	1	2	1
ALL HOURS	2	1	1	1	1	1	1	1	1	2	1	2	1

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	0	0	#	0	#	#	0	#	#	1	#
03-05 LST	1	#	1	0	1	1	2	2	1	0	0	#	1
06-08 LST	2	2	1	1	#	1	2	4	3	1	1	1	2
09-11 LST	7	3	1	2	1	1	0	#	2	3	2	4	2
12-14 LST	1	2	1	1	1	#	#	#	1	2	1	2	1
15-17 LST	1	1	1	1	#	#	#	0	#	1	1	1	1
18-20 LST	1	#	#	1	#	0	0	#	#	#	#	1	#
21-23 LST	1	0	#	0	0	1	0	#	0	0	#	1	#
ALL HOURS	2	1	0	1	#	#	1	1	1	1	1	1	1

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	#	0	0	#	#	#	0	#	#
03-05 LST	#	0	1	0	1	1	2	1	1	0	0	0	#
06-08 LST	1	0	1	1	#	1	2	2	2	0	#	#	1
09-11 LST	3	1	0	1	0	1	0	#	1	1	0	#	1
12-14 LST	#	1	#	0	#	#	#	0	#	1	#	#	#
15-17 LST	#	0	0	0	#	#	0	0	#	#	0	#	#
18-20 LST	#	0	0	1	#	0	0	#	#	#	0	0	#
21-23 LST	#	0	#	0	0	0	0	#	0	0	#	0	#
ALL HOURS	1	#	#	#	#	#	#	1	1	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TOMSK, RUSSIA
LOCATION: 5626N 8459E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 294300
ELEVATION (FEET): 397
PERIOD: 7301-9012

ICAO:
LST = GMT + 7

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	36	54	59	70	86	91	93	88	80	70	58	40	93
MEAN DAILY MAX	1	7	10	25	40	56	69	73	67	56	38	21	11	39
MEAN	1	2	3	18	33	48	60	64	59	48	33	17	6	33
MEAN DAILY MIN	1	-5	-5	8	23	37	49	54	49	39	26	10	0	24
EXTREME MIN	1	-50	-48	-28	-14	20	29	36	33	19	-12	-41	-50	-50
# DAYS GE 90	1	0	0	0	0	0	#	#	0	0	0	0	0	0
# DAYS LE 32	1	31	28	31	24	10	#	#	0	6	23	30	31	213
# DAYS LE 0	1	19	19	9	2	0	0	0	0	0	1	8	15	71
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.1	.7	.9	.9	1.7	2.4	2.8	2.2	1.9	1.5	1.6	1.4	19.1
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	.4	.5	.4	.5	.8	1.1	1.2	1.4	1.3	1.0	.7	.4	1.4
# DAYS GE 0.004	1	23	18	18	15	16	13	12	13	15	22	24	24	212
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	21	17	16	9	3	#	0	#	1	14	21	23	125
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (7 LST)	1	79	79	82	78	74	80	89	92	89	85	82	80	82
RH (16 LST)	1	75	68	61	52	46	47	55	57	58	68	76	77	62
VAPOR PRESS	1	.05	.05	.08	.13	.20	.34	.44	.39	.26	.15	.09	.06	.19
DEWPOINT	1	-2	-2	10	21	32	47	54	51	40	26	12	1	24
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	SSW	SSW	SSW	SSW	SW	SSW	\$SW	SSW	SSW	SSW	SSW	SSW	SSW
MEAN SPEED														
(PVLG DRCTN)	1	13	12	12	11	10	10	7	9	11	12	13	13	11
MEAN SPEED														
(ALL OBS)	1	9	9	9	9	9	7	6	6	7	9	10	10	8
MAX PEAK GUST	1	39	41	47	43	47	0	35	35	39	37	39	43	47
PRESSURE ALT	1	1200	1000	1100	1200	1400	1100	1150	1250	1300	1110	1150	1100	1300
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	7	6	7	6	7	6	6	6	7	7	7	7	7	7
DAYS TSTMS	1	#	#	#	1	2	5	8	5	1	#	#	#	21
DAYS FOG LT 7	1	3	2	3	2	2	4	8	9	7	3	3	3	50
DAYS BNBD LT 7	1	#	0	0	0	0	0	0	#	#	0	#	0	0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(TOMSK, RUSSIA)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
¢ - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 62, VARIED YEARS OF RECORD

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	40	28	26	19	13	9	13	17	21	38	49	44	26
03-05 LST	43	30	31	23	17	18	24	25	28	42	54	44	32
06-08 LST	43	29	32	28	21	17	30	35	35	45	54	49	35
09-11 LST	55	48	37	25	23	12	17	26	35	43	60	58	37
12-14 LST	42	31	25	20	17	9	15	19	28	44	48	46	29
15-17 LST	37	26	23	18	14	6	10	14	18	41	47	41	24
18-20 LST	34	28	19	16	12	6	9	12	15	39	45	41	23
21-23 LST	40	26	21	18	12	6	9	14	18	38	51	44	25
ALL HOURS	42	31	27	21	16	10	16	20	25	41	51	46	29

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	33	23	20	14	8	6	11	13	17	27	38	36	21
03-05 LST	37	23	25	19	12	15	21	23	24	29	41	38	26
06-08 LST	39	25	28	25	17	14	28	33	32	33	45	42	30
09-11 LST	52	47	34	19	13	8	14	21	29	36	53	50	31
12-14 LST	40	30	21	14	10	5	8	10	15	31	42	43	22
15-17 LST	35	23	17	11	6	3	5	5	10	27	38	36	18
18-20 LST	30	25	16	12	7	3	6	7	8	28	36	34	18
21-23 LST	33	23	18	13	6	4	6	9	12	26	40	35	19
ALL HOURS	37	28	22	16	10	7	12	15	18	30	42	39	23

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	4	6	7	5	2	5	7	11	17	16	14	9
03-05 LST	12	5	6	9	6	7	10	14	16	18	19	17	12
06-08 LST	15	9	9	14	10	9	15	22	21	20	25	16	15
09-11 LST	23	23	13	11	8	6	8	15	21	23	32	25	17
12-14 LST	13	9	6	7	6	2	2	5	7	16	21	18	9
15-17 LST	11	8	7	7	3	2	2	3	6	15	19	14	8
18-20 LST	8	7	6	6	3	2	3	4	4	14	14	10	7
21-23 LST	9	4	3	8	4	1	3	4	6	15	15	9	7
ALL HOURS	13	9	7	9	6	4	6	9	11	17	20	15	11

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	#	1	#	1	#	2	1	1	2	1	1
03-05 LST	1	#	1	1	1	2	3	2	2	2	2	1	2
06-08 LST	1	1	1	1	1	1	5	7	5	2	3	1	2
09-11 LST	1	2	1	#	#	1	1	2	3	3	3	3	2
12-14 LST	2	1	#	1	#	#	0	0	#	1	1	1	1
15-17 LST	2	#	#	#	0	#	#	#	1	1	1	1	1
18-20 LST	1	1	1	#	#	0	1	#	0	1	1	#	#
21-23 LST	#	0	0	1	#	#	#	1	#	1	1	#	#
ALL HOURS	1	1	1	1	#	1	1	2	2	1	2	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TOMSK, RUSSIA
 LOCATION: 5626N 8459E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 294300
 ELEVATION (FEET): 397
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 7

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	0	0	2	2	1	1	#	0	0	#
03-05 LST	#	0	0	0	#	1	1	#	#	0	0	0	#
06-08 LST	0	0	0	#	0	#	#	1	#	0	0	#	#
09-11 LST	#	0	0	#	0	#	1	#	0	0	0	0	#
12-14 LST	0	#	0	0	0	1	2	0	0	0	0	0	#
15-17 LST	0	0	0	0	#	2	5	2	0	0	0	0	1
18-20 LST	0	0	0	#	#	3	5	2	#	0	0	0	1
21-23 LST	0	0	0	#	#	1	2	2	0	0	#	0	#
ALL HOURS	#	#	#	#	#	1	2	1	#	0	0	0	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	6	11	7	7	6	11	10	2	1	5
03-05 LST	1	#	0	5	10	7	7	8	10	10	3	1	5
06-08 LST	#	0	1	7	6	7	6	7	10	9	3	#	5
09-11 LST	#	1	2	7	10	8	9	8	14	9	4	1	6
12-14 LST	1	1	2	5	10	9	8	7	10	9	3	#	5
15-17 LST	#	#	1	5	10	10	10	10	12	11	2	1	6
18-20 LST	1	#	1	5	10	10	8	11	12	10	3	#	6
21-23 LST	1	#	1	6	11	6	8	8	12	10	2	1	5
ALL HOURS	1	#	1	6	10	8	8	8	11	10	3	1	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	41	31	23	11	2	0	0	0	2	21	35	39	17
03-05 LST	41	34	25	12	2	#	0	0	3	22	39	40	18
06-08 LST	44	35	28	13	5	#	0	#	2	21	41	40	19
09-11 LST	43	40	32	11	4	1	0	0	1	24	46	45	21
12-14 LST	39	28	23	11	4	1	0	0	2	22	42	40	17
15-17 LST	35	28	20	11	2	0	0	0	1	20	40	37	16
18-20 LST	34	27	19	12	2	0	0	0	2	19	32	35	15
21-23 LST	36	28	20	10	2	0	0	0	1	20	34	36	16
ALL HOURS	39	31	24	11	3	#	0	#	2	21	39	39	17

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	1	1	1	0	0	#	#	1	2	2	1
03-05 LST	1	1	1	0	0	0	#	0	1	1	1	1	1
06-08 LST	2	1	#	#	#	0	#	#	1	1	2	2	1
09-11 LST	1	1	1	1	0	0	#	0	#	1	1	1	1
12-14 LST	3	2	1	1	1	#	#	0	1	2	2	1	1
15-17 LST	2	2	1	1	1	#	0	#	1	1	2	1	1
18-20 LST	2	1	1	1	1	0	#	0	1	#	2	1	1
21-23 LST	1	2	1	1	0	#	0	0	#	1	1	1	1
ALL HOURS	2	1	1	1	#	#	#	#	1	1	2	1	1

(TOMSK, RUSSIA)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 62, VARIED YEARS OF RECORD

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	3	3	5	4	1	4	7	7	13	12	11	7
03-05 LST	9	4	4	7	5	7	9	12	12	14	13	12	9
06-08 LST	12	7	7	9	8	8	13	20	17	15	19	13	12
09-11 LST	21	21	11	9	6	5	7	13	17	19	30	22	15
12-14 LST	13	8	5	7	4	1	2	4	5	13	18	15	8
15-17 LST	11	8	7	6	2	1	1	3	4	11	16	13	7
18-20 LST	7	6	6	5	3	1	2	2	3	11	11	8	5
21-23 LST	7	3	3	6	3	1	2	4	5	12	11	6	5
ALL HOURS	11	7	6	7	4	3	5	8	9	13	16	13	9

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	2	2	3	2	1	2	4	5	8	9	8	4
03-05 LST	8	3	3	5	3	5	7	9	7	8	9	8	6
06-08 LST	9	5	5	5	6	5	10	16	12	9	11	8	9
09-11 LST	18	17	10	7	4	2	3	8	9	13	23	19	11
12-14 LST	12	8	5	5	2	1	1	1	2	8	14	13	6
15-17 LST	11	8	6	5	1	#	1	1	1	8	13	12	5
18-20 LST	6	6	6	4	1	1	1	1	1	8	8	6	4
21-23 LST	5	3	2	4	1	1	1	2	1	7	7	6	3
ALL HOURS	10	7	5	5	2	2	3	5	5	9	12	10	6

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	#	1	1	2	2	2	3	2	1
03-05 LST	3	1	1	2	1	3	4	4	3	3	3	1	3
06-08 LST	4	1	2	1	3	2	6	10	7	3	4	2	4
09-11 LST	6	5	4	2	1	1	1	3	3	6	9	7	4
12-14 LST	4	2	1	2	1	#	#	#	1	4	5	4	2
15-17 LST	5	2	2	2	#	#	#	#	1	4	4	3	2
18-20 LST	1	1	2	2	#	0	1	#	#	2	2	1	1
21-23 LST	1	#	1	1	1	#	#	1	#	2	3	2	1
ALL HOURS	3	2	2	2	1	1	2	3	2	3	4	3	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	1	#	#	#	#	#
03-05 LST	0	0	#	1	#	1	1	1	1	1	#	#	1
06-08 LST	#	#	1	1	#	1	3	3	3	1	1	1	1
09-11 LST	0	0	1	#	#	#	0	#	1	1	1	1	1
12-14 LST	#	#	0	0	#	0	0	0	#	1	#	#	#
15-17 LST	1	0	#	0	0	0	0	#	#	#	#	0	#
18-20 LST	#	0	#	#	0	0	#	#	0	#	0	0	#
21-23 LST	#	0	0	#	0	#	#	#	#	#	1	0	#
ALL HOURS	#	#	#	#	#	#	1	1	1	1	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TULUN-IN-IRKUT, USSR
LOCATION: 5436N 10035E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 305040
ELEVATION (FEET): 1713
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	32	34	50	65	82	91	87	86	78	65	47	36 91
MEAN DAILY MAX	1	3	10	25	39	55	69	71	66	56	36	21	7 38
MEAN	1	-4	1	17	32	46	59	62	57	47	29	15	1 30
MEAN DAILY MIN	1	-11	-8	5	23	36	48	52	48	36	21	6	-6 21
EXTREME MIN	1	-44	-38	-26	-4	22	31	40	31	18	-10	-26	-41 -44
# DAYS GE 90	1	0	0	0	0	1	0	0	0	0	0	0	1
# DAYS LE 32	1	31	28	29	26	11	1	0	1	9	28	30	31 225
# DAYS LE 0	1	25	21	9	1	0	0	0	0	1	9	21	87
2. PRECIPITATION (INCHES)													
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MEAN	2	0.4	0.3	0.2	0.4	1.1	1.8	3.1	2.8	1.5	0.8	0.6	0.5 13.5
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	1	12	8	7	8	8	7	8	8	6	9	9	12 102
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN		#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	11	8	5	3	1	0	0	0	0	5	8	11 52
# DAYS GE 1.5													
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (8 LST)	1	79	79	78	71	67	74	84	90	89	84	81	80 80
RH (20 LST)	1	77	64	52	47	42	47	61	65	64	68	72	78 62
VAPOR PRESS	1	.03	.04	.06	.11	.16	.30	.40	.35	.23	.12	.07	.04 .16
DEWPOINT	1	-8	-6	4	17	28	44	52	48	37	21	8	-3 20
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$S	\$SE	\$W	\$W	\$W	\$W	\$W	\$W	\$SE	\$S	\$S	\$W
MEAN SPEED													
(PVLG DRCTN)	1	4	6	7	7	7	5	5	5	5	6	4	4 5
MEAN SPEED													
(ALL OBS)	1	2	3	4	5	6	4	4	4	4	4	3	2 4
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	2050	1970	2060	2250	2350	2260	2270	2260	2110	2020	2010	2080 2350
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	5	6	6	6	6	5	5	6	6	6	6
DAYS TSTMS	1	#	#	#	0	1	6	6	6	#	#	0	# 20
DAYS FOG LT 7	1	13	11	7	3	3	5	12	10	10	7	8	11 100
DAYS BNBD LT 7	1	#	0	0	#	#	#	0	0	0	#	0	0 0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGM DRCTN
 † = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2. WORLD CLIMATIC DATA, 29 YEAR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	5	8	11	14	15	15	15	14	18	14	11	12
03-05 LST	9	4	5	11	19	14	26	22	19	18	15	10	14
06-08 LST	6	7	8	17	16	15	26	27	24	26	15	12	17
09-11 LST	10	8	5	22	21	21	27	24	21	26	21	16	19
12-14 LST	7	3	9	21	24	25	22	24	21	26	17	12	18
15-17 LST	8	5	7	16	23	18	21	16	17	22	14	12	15
18-20 LST	7	4	6	14	16	16	14	14	15	19	14	10	12
21-23 LST	10	4	6	12	15	15	18	14	12	18	14	9	12
ALL HOURS	8	5	7	16	18	17	21	20	18	22	16	12	15

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	2	4	2	5	4	5	6	6	6	6	4
03-05 LST	4	2	2	4	4	7	13	11	7	7	5	5	6
06-08 LST	2	3	4	7	6	8	16	20	16	10	6	5	9
09-11 LST	8	6	2	6	5	6	11	12	11	12	11	11	8
12-14 LST	5	2	2	3	3	4	5	6	5	8	6	7	5
15-17 LST	5	3	2	4	4	2	5	2	3	7	6	5	4
18-20 LST	4	2	3	5	3	2	4	3	4	6	6	6	4
21-23 LST	5	3	3	4	3	3	3	3	3	6	5	5	4
ALL HOURS	5	3	2	5	4	5	8	8	7	8	6	6	5

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	2	1	2	1	2	2	1	3	3	2
03-05 LST	2	1	#	1	2	2	5	5	3	3	3	3	3
06-08 LST	1	1	2	4	3	3	9	12	12	4	2	1	5
09-11 LST	4	4	1	3	2	#	2	3	3	7	6	7	4
12-14 LST	3	1	1	2	1	1	1	1	1	2	4	4	2
15-17 LST	2	1	2	3	2	0	1	1	1	3	2	2	2
18-20 LST	2	#	1	2	1	1	1	1	#	1	2	2	1
21-23 LST	2	1	1	1	1	1	1	1	#	#	3	1	1
ALL HOURS	2	1	1	2	1	1	3	3	3	3	3	3	2

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	0	#	1	0	1	2	#	1	#	1
03-05 LST	0	#	#	#	1	2	4	3	3	1	1	1	1
06-08 LST	#	0	1	1	1	2	5	9	9	2	#	0	2
09-11 LST	1	1	1	1	#	0	#	1	1	1	#	1	1
12-14 LST	1	#	0	#	0	1	0	0	1	#	1	0	#
15-17 LST	#	0	1	#	1	0	0	#	0	#	0	0	#
18-20 LST	#	0	#	1	0	1	0	0	0	0	0	#	#
21-23 LST	0	#	#	#	#	#	0	0	#	0	1	#	#
ALL HOURS	#	#	#	1	#	1	1	2	2	1	#	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TULUN-IN-IRKUT, USSR

STATION #: 305040

ICAO: N/A

LOCATION: 5436N 10035E

ELEVATION (FEET): 1713

LST = GMT +8

PREPARED BY: USAFETAC/ECO, APR 1989

PERIOD: 7301-8612

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	0	1	2	2	0	0	0	0	#
03-05 LST	#	#	0	0	0	1	1	1	0	0	0	0	#
06-08 LST	#	0	0	0	#	1	1	#	0	0	0	0	#
09-11 LST	0	0	0	0	0	#	1	0	0	0	0	0	#
12-14 LST	0	0	0	0	1	3	2	2	0	0	0	0	1
15-17 LST	#	0	#	0	1	3	5	2	#	0	0	0	1
18-20 LST	0	#	0	0	0	4	6	2	0	0	0	0	1
21-23 LST	0	0	0	0	1	2	3	4	0	0	0	0	1
ALL HOURS	#	#	#	0	#	2	2	2	#	0	0	0	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	2	7	10	10	13	10	4	0	0	5
03-05 LST	#	#	#	2	7	10	10	12	9	2	#	0	4
06-08 LST	1	0	#	1	7	10	12	12	8	3	#	#	5
09-11 LST	0	0	#	4	6	7	12	12	7	5	#	0	4
12-14 LST	#	0	#	3	7	10	12	9	9	5	#	#	5
15-17 LST	#	0	#	5	7	8	11	8	11	5	#	#	5
18-20 LST	0	#	#	4	8	10	12	9	9	5	#	#	5
21-23 LST	#	#	#	2	7	9	12	12	8	3	#	0	4
ALL HOURS	#	#	#	3	7	9	12	11	9	4	#	#	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	29	21	16	9	3	0	0	0	1	14	20	30	12
03-05 LST	29	21	14	11	3	0	0	#	1	11	21	27	12
06-08 LST	30	27	16	11	5	0	0	0	1	15	20	28	13
09-11 LST	25	26	14	13	6	#	0	#	1	17	26	28	13
12-14 LST	24	15	12	9	5	0	0	0	1	15	20	25	10
15-17 LST	19	13	9	9	5	#	0	0	#	12	14	20	9
18-20 LST	23	16	8	8	2	0	0	0	1	11	16	23	9
21-23 LST	30	19	10	7	2	#	0	0	1	11	19	27	11
ALL HOURS	26	20	13	10	4	#	0	#	1	13	20	26	11

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	0	0	0	0	0	0	#	0	#
03-05 LST	#	0	0	0	#	0	0	0	#	0	0	0	#
06-08 LST	#	0	0	#	#	0	0	0	0	0	0	0	#
09-11 LST	#	0	0	0	#	0	#	#	0	#	0	0	#
12-14 LST	0	0	0	1	1	#	0	0	0	0	#	0	#
15-17 LST	#	0	#	#	#	0	0	0	#	#	#	0	#
18-20 LST	#	0	#	#	#	0	1	0	1	0	0	0	#
21-23 LST	0	0	0	0	0	0	0	#	0	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	0	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	2	1	1	1	2	2	1	3	2	1
03-05 LST	2	1	#	1	2	2	5	5	3	3	3	2	2
06-08 LST	1	1	2	4	3	3	7	11	10	3	2	1	4
09-11 LST	4	4	1	3	2	#	2	2	2	5	5	7	3
12-14 LST	3	1	1	2	1	1	1	1	1	2	3	4	2
15-17 LST	2	1	2	3	2	0	1	1	1	3	2	2	1
18-20 LST	2	#	1	2	1	1	1	1	#	1	2	1	1
21-23 LST	2	1	1	1	1	1	1	1	#	#	3	1	1
ALL HOURS	2	1	1	2	1	1	2	3	2	2	3	3	2

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	2	1	1	0	1	2	1	2	2	1
03-05 LST	1	1	#	1	1	2	4	5	3	2	1	2	2
06-08 LST	1	1	1	3	2	2	6	11	10	2	2	#	3
09-11 LST	3	2	1	2	2	0	1	1	2	4	3	5	2
12-14 LST	3	1	1	2	#	1	0	1	1	2	3	2	1
15-17 LST	2	1	2	2	2	0	0	1	1	2	1	1	1
18-20 LST	1	0	1	2	1	1	#	#	0	1	2	1	1
21-23 LST	1	#	1	1	1	1	1	#	#	0	2	1	1
ALL HOURS	1	1	1	2	1	1	2	2	2	2	2	2	2

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	0	1	1	0	1	2	1	1	1	1
03-05 LST	#	#	#	1	1	2	4	4	3	2	1	1	2
06-08 LST	#	0	1	2	1	2	6	10	9	2	#	0	3
09-11 LST	2	1	1	2	1	0	1	1	1	3	2	3	1
12-14 LST	1	#	1	1	#	1	0	0	1	1	2	2	1
15-17 LST	0	1	1	1	1	0	0	#	#	1	#	1	1
18-20 LST	#	0	#	1	#	1	0	#	0	#	1	#	#
21-23 LST	#	#	#	#	1	1	0	0	#	0	1	1	#
ALL HOURS	1	#	#	1	1	1	1	2	2	1	1	1	1

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	0	#	1	1	#	1	#	#
03-05 LST	0	0	0	0	1	1	3	2	2	1	#	#	1
06-08 LST	#	0	#	1	1	1	4	7	6	1	#	0	2
09-11 LST	1	0	#	0	0	0	#	#	1	1	#	#	#
12-14 LST	#	#	0	0	0	1	0	0	#	0	#	0	#
15-17 LST	#	0	0	0	0	0	0	0	#	0	0	0	#
18-20 LST	0	0	#	1	0	1	0	0	0	0	0	0	#
21-23 LST	0	0	0	0	0	0	0	0	#	0	#	0	#
ALL HOURS	#	#	#	#	#	#	1	1	1	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TYUMEN-IN-TYUMEN, USSR
LOCATION: 5709N 6531E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 283670
ELEVATION (FEET): 341
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	34	37	51	82	83	90	91	88	80	66	48	91
MEAN DAILY MAX	1	10	12	30	48	59	69	71	67	57	39	25	42
MEAN	1	4	5	23	40	51	61	64	59	50	34	19	35
MEAN DAILY MIN	1	-3	-2	13	30	39	51	54	49	41	27	12	26
EXTREME MIN	1	-42	-37	-17	0	22	35	43	36	26	-5	-32	-46
# DAYS GE 90	1	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 32	1	31	28	30	18	7	0	0	4	21	30	31	200
# DAYS LE 0	1	19	17	6	1	0	0	0	0	1	5	14	63
2. PRECIPITATION (INCHES)													
MAXIMUM	2	1.9	1.8	2.2	3.3	5.2	4.5	6.9	5.7	4.3	3.1	2.8	22.8
MEAN	2	0.7	0.5	0.7	0.8	1.6	1.9	2.8	2.3	1.8	1.3	1.0	16.3
MINIMUM	2	0.1	0.0	0.0	0.0	0.4	0.1	0.7	0.5	0.1	0.2	0.1	8.3
MAX 24 HR	2	0.7	0.6	0.7	1.2	2.4	2.1	4.4	3.2	2.0	1.3	0.8	4.4
# DAYS GE 0.004	1	13	11	8	6	7	8	9	8	9	12	12	115
# DAYS GE 0.5													
3. SNOWFALL (INCHES)													
MEAN													
MAXIMUM													
MAX 24 HR													
# DAYS SNOWFALL	1	12	10	6	2	1	0	0	0	1	7	10	60
# DAYS GE 1.5													
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (5 LST)	1	80	80	81	78	74	81	89	90	87	85	83	82
RH (17 LST)	1	76	65	56	47	41	49	57	58	58	68	78	61
VAPOR PRESS	1	.05	.05	.09	.16	.21	.35	.44	.39	.27	.16	.10	.19
DEWPOINT	1	0	-1	13	26	33	47	54	50	41	27	14	26
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCN	1	SW	SW	SW	WSW	W	NW	NW	SW	W	SW	SW	SW
MEAN SPEED													
(PVLG DRCN)	1	6	6	6	7	7	7	6	6	7	6	6	6
MEAN SPEED													
(ALL OBS)	1	5	6	6	6	6	6	5	5	5	6	6	6
MAX PEAK GUST													
PRESSURE ALT	1	1210	1220	1310	1160	1310	1170	1160	1050	1180	1200	1420	1420
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	5	5	5	5	6	6	5	5
DAYS TSMS	1					2	6	7	5	1			23
DAYS FOG LT 7	1	3	3	4	3	2	1	4	5	4	5	3	41
DAYS BNBD LT 7	1			0									1
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV, JAN 73 - DEC 86
 2. NATIONAL INTELLIGENCE SURVEY, POR VARIED

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	19	17	19	19	28	24	24	31	36	31	22	24
03-05 LST	22	22	15	41	61	61	69	65	36	38	35	22	41
06-08 LST	21	24	35	42	48	53	55	54	61	64	54	21	44
09-11 LST	49	50	51	57	63	65	71	69	69	67	65	58	61
12-14 LST	52	49	53	60	67	65	75	70	68	71	70	59	63
15-17 LST	49	49	53	59	69	69	72	67	65	72	67	41	61
18-20 LST	15	15	18	55	61	67	64	68	43	39	34	21	42
21-23 LST	14	20	16	21	23	33	25	26	32	37	34	23	25
ALL HOURS	30	31	32	44	51	55	57	55	51	53	49	33	45

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	17	10	11	9	14	14	14	23	22	22	16	15
03-05 LST	16	19	11	32	55	55	61	55	22	25	26	17	33
06-08 LST	16	21	30	32	35	43	44	43	49	52	45	14	35
09-11 LST	48	47	47	50	55	55	61	57	59	59	60	53	54
12-14 LST	49	47	48	51	50	50	55	53	52	60	60	55	53
15-17 LST	47	47	46	50	54	58	59	53	54	62	59	36	52
18-20 LST	12	13	12	46	54	58	57	54	31	23	23	12	33
21-23 LST	11	17	9	12	10	19	15	11	18	22	24	16	15
ALL HOURS	26	28	27	36	40	44	46	42	39	41	40	27	36

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	7	3	5	3	4	5	4	7	9	10	8	6
03-05 LST	6	8	3	7	5	7	11	10	8	7	13	8	8
06-08 LST	4	6	7	8	3	9	6	7	11	17	13	5	8
09-11 LST	9	6	6	4	3	4	4	5	9	11	13	8	7
12-14 LST	8	4	4	3	4	5	3	3	6	7	12	7	5
15-17 LST	7	4	3	3	6	5	2	3	5	10	13	7	6
18-20 LST	3	5	3	3	4	2	3	3	4	7	8	5	4
21-23 LST	3	6	3	4	2	4	3	4	5	7	10	8	5
ALL HOURS	6	6	4	5	4	5	5	5	7	9	11	7	6

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	0	1	1	1	1	1	1	1	1
03-05 LST	1	1	1	2	1	2	3	2	1	1	2	2	2
06-08 LST	#	1	2	2	0	2	0	1	2	2	1	1	1
09-11 LST	2	#	#	1	1	1	0	1	#	2	1	0	1
12-14 LST	1	1	1	1	1	#	#	1	1	1	1	1	1
15-17 LST	0	1	1	1	0	1	1	0	1	1	1	1	1
18-20 LST	1	#	#	1	1	#	#	1	1	#	1	0	#
21-23 LST	1	#	#	1	0	1	1	2	1	1	2	2	1
ALL HOURS	1	1	1	1	#	1	1	1	1	1	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TYUMEN-IN-TYUMEN, USSR
LOCATION: 5709N 6531E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 283670
ELEVATION (FEET): 341
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	1	3	2	1	#	0	1	#	1
03-05 LST	1	0	0	#	#	1	1	1	0	0	1	#	#
06-08 LST	0	0	0	0	0	1	2	0	0	1	0	0	#
09-11 LST	0	0	0	#	#	1	1	#	0	0	#	0	#
12-14 LST	#	0	0	#	2	3	3	1	0	#	#	0	1
15-17 LST	0	#	#	0	2	4	5	2	0	0	#	#	1
18-20 LST	0	0	1	1	1	4	7	3	0	0	0	0	1
21-23 LST	#	0	#	0	0	4	3	1	#	1	#	0	1
ALL HOURS	#	#	#	#	1	2	3	1	#	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	4	8	9	10	9	12	7	1	#	5
03-05 LST	1	2	0	5	6	11	8	11	9	7	2	2	5
06-08 LST	0	0	0	5	6	16	10	8	19	6	3	#	6
09-11 LST	#	1	#	4	6	6	11	8	15	9	2	0	5
12-14 LST	1	1	#	3	9	11	12	9	13	7	2	#	6
15-17 LST	0	1	1	4	10	10	10	10	13	8	2	0	6
18-20 LST	#	#	1	4	6	7	13	9	11	7	1	0	5
21-23 LST	#	1	0	5	6	11	11	9	13	7	1	0	5
ALL HOURS	#	1	1	4	7	10	10	9	13	7	2	1	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	33	15	6	2	0	0	#	1	16	26	31	13
03-05 LST	32	31	17	8	2	0	0	#	1	16	28	30	14
06-08 LST	45	31	18	9	1	0	0	1	2	13	29	26	15
09-11 LST	31	22	14	7	2	#	0	0	2	17	25	25	12
12-14 LST	26	17	10	6	2	0	0	0	2	15	25	20	10
15-17 LST	21	16	11	5	2	0	0	0	2	14	25	21	10
18-20 LST	25	24	13	3	2	0	0	0	1	16	25	27	11
21-23 LST	29	29	14	5	2	#	0	0	1	16	24	30	12
ALL HOURS	30	25	14	6	2	#	0	#	1	15	26	26	12

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	1	#	0	0	#	0	0	0	0	0	#
03-05 LST	0	1	0	0	#	0	#	#	0	1	0	#	#
06-08 LST	#	1	0	0	0	0	0	1	1	1	0	0	#
09-11 LST	0	1	#	#	#	0	0	#	#	#	1	0	#
12-14 LST	#	1	0	1	#	0	0	0	0	0	0	0	#
15-17 LST	#	#	1	0	#	0	0	0	1	0	0	#	#
18-20 LST	1	#	#	1	0	1	0	0	0	0	0	0	#
21-23 LST	0	0	0	0	0	#	#	0	#	0	#	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV, JAN 73 - DEC 86
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	5	2	4	2	4	4	4	5	8	8	6	5
03-05 LST	5	6	3	5	4	6	10	9	6	4	10	7	6
06-08 LST	4	5	7	8	2	9	5	6	11	17	13	4	8
09-11 LST	9	5	5	4	2	4	4	3	7	10	11	7	6
12-14 LST	7	3	3	3	4	4	3	3	4	7	11	6	5
15-17 LST	5	4	3	3	6	4	2	3	3	8	11	7	5
18-20 LST	3	4	3	2	4	2	3	3	3	6	7	5	4
21-23 LST	2	5	2	3	2	3	3	4	4	5	8	7	4
ALL HOURS	5	5	4	4	3	5	4	4	5	8	10	6	5

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	1	2	1	3	2	3	3	3	3	2	2
03-05 LST	3	3	2	3	4	5	8	7	4	3	5	4	4
06-08 LST	4	4	6	7	1	8	4	3	9	14	10	3	6
09-11 LST	8	5	5	3	1	2	2	2	5	8	8	6	4
12-14 LST	6	3	3	2	3	3	2	2	3	6	9	6	4
15-17 LST	4	3	3	2	4	4	1	2	3	7	9	4	4
18-20 LST	2	2	2	2	3	1	2	3	2	3	3	2	2
21-23 LST	1	2	1	2	1	1	2	3	2	3	4	4	2
ALL HOURS	4	3	3	3	2	3	3	3	4	6	6	4	4

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	1	1	0	1	1	2	2	1	2	1	1
03-05 LST	1	2	1	2	1	2	4	3	2	2	3	2	2
06-08 LST	2	2	4	2	0	2	0	1	2	6	2	2	2
09-11 LST	2	1	2	1	1	1	0	1	1	2	2	1	1
12-14 LST	1	1	1	1	1	0	0	1	1	2	2	2	1
15-17 LST	0	1	1	1	1	1	1	0	1	2	2	1	1
18-20 LST	1	0	1	1	1	0	0	1	1	1	1	0	1
21-23 LST	1	1	1	1	0	1	1	2	1	2	3	3	1
ALL HOURS	1	1	1	1	1	1	1	1	1	2	2	2	1

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	0	0	0	1	1	1	1	1	0	1	1
03-05 LST	1	1	0	1	1	2	2	2	1	1	1	1	1
06-08 LST	0	1	1	1	0	1	0	1	2	1	1	0	1
09-11 LST	1	0	0	1	0	0	0	0	0	1	0	0	0
12-14 LST	1	0	0	1	1	0	0	1	1	1	1	1	0
15-17 LST	0	1	1	1	0	1	1	0	1	1	1	0	1
18-20 LST	0	0	0	1	0	0	0	0	0	0	1	0	0
21-23 LST	0	0	0	1	0	0	1	2	1	0	1	1	1
ALL HOURS	0	0	0	1	0	1	1	1	1	1	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: UFA-IN-BASHKUR, USSR
LOCATION: 5445N 5601E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 287220
ELEVATION (FEET): 646
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	1	42	40	72	90	88	92	94	92	92	72	61	62	94
MEAN DAILY MAX	1	13	15	29	50	66	72	75	71	61	42	28	18	45
MEAN	1	7	8	22	42	56	63	67	62	53	37	24	13	38
MEAN DAILY MIN	1	0	0	13	32	43	52	56	51	43	30	19	7	29
EXTREME MIN	1	-52	-42	-24	3	24	32	42	32	24	-10	-28	-36	-52
# DAYS GE 90	1	0	0	0	1	0	1	1	1	1	0	0	0	5
# DAYS LE 32	1	31	28	30	15	3	#	0	#	3	18	28	31	187
# DAYS LE 0	1	15	14	6	0	0	0	0	0	0	#	2	10	47
2. PRECIPITATION (INCHES)														
MAXIMUM	2	2.5	3.0	4.9	2.1	3.2	5.4	5.4	4.0	3.9	6.3	4.7	5.8	29.8
MEAN	2	1.5	1.3	1.3	1.1	1.7	2.2	2.6	1.9	1.8	2.0	2.1	2.1	21.6
MINIMUM	2	0.2	0.7	0.1	0.1	0.5	0.5	1.1	0.8	1.3	0.1	0.5	0.3	17.8
MAX 24 HR	2	0.7	0.7	1.1	1.2	1.2	1.5	3.8	1.7	3.1	1.4	1.3	1.4	3.8
# DAYS GE 0.004	1	16	12	9	6	6	8	8	7	8	14	16	16	126
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	15	12	8	2	0	0	0	0	0	6	13	15	69
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (5 LST)	1	82	82	85	84	75	84	88	87	85	87	86	82	84
RH (17 LST)	1	79	75	70	55	40	50	54	51	56	73	82	80	64
VAPOR PRESS	1	.06	.06	.11	.19	.26	.39	.46	.40	.29	.19	.12	.08	.22
DEWPOINT	1	3	3	16	31	39	51	56	51	43	31	20	8	29
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	S	S	S	S	NNW	S	W	W	S	S	S	S	S
MEAN SPEED														
(PVLG DRCTN)	1	12	11	11	10	11	9	7	7	9	11	11	13	10
MEAN SPEED														
(ALL OBS)	1	8	8	8	8	8	7	6	7	8	9	9	9	8
MAX PEAK GUST	#	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1700	1550	1400	1450	1500	1450	1550	1350	1250	1500	1550	1600	1700
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	5	5	5	4	5	5	5	5	6	7	6	5
DAYS TSMS	1	#	#	#	1	2	9	9	5	1	#	#	#	29
DAYS FOG LT 7	1	16	15	18	10	3	5	8	7	8	11	13	13	127
DAYS BNBD LT 7	1	#	0	#	#	#	#	0	#	#	#	0	#	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, FOR VARIED

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	75	62	48	22	9	9	12	10	19	50	73	70	38
03-05 LST	74	69	54	27	16	23	26	19	23	45	73	71	43
06-08 LST	75	71	65	37	20	19	27	30	32	54	72	70	47
09-11 LST	81	74	65	34	16	19	22	24	37	58	75	75	48
12-14 LST	72	67	56	28	13	14	15	14	31	56	73	73	43
15-17 LST	73	64	45	21	10	10	12	11	23	54	70	71	39
18-20 LST	68	60	46	23	7	8	10	9	21	43	67	67	36
21-23 LST	72	59	43	19	7	8	11	7	16	48	72	68	36
ALL HOURS	74	66	53	26	13	14	17	16	25	51	72	71	41

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	65	56	41	19	6	6	9	8	14	33	56	59	31
03-05 LST	64	59	48	23	12	20	23	15	18	31	57	60	36
06-08 LST	64	64	59	35	18	17	24	28	28	43	59	62	42
09-11 LST	76	72	61	29	9	9	12	16	27	45	66	67	41
12-14 LST	69	65	49	21	7	6	7	5	15	35	58	66	34
15-17 LST	66	59	39	15	6	5	5	5	12	34	56	61	30
18-20 LST	57	54	39	18	5	5	6	6	13	29	54	54	28
21-23 LST	62	52	34	14	4	5	6	5	10	32	53	54	28
ALL HOURS	65	60	46	22	8	9	11	11	17	35	58	60	34

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	41	35	26	11	3	3	6	5	7	22	36	40	20
03-05 LST	39	34	33	13	5	8	10	7	12	20	36	40	21
06-08 LST	37	35	39	10	7	7	9	12	13	21	35	41	22
09-11 LST	46	41	30	10	3	3	4	7	9	18	39	41	21
12-14 LST	36	29	20	6	2	2	2	2	5	15	32	40	16
15-17 LST	33	24	13	4	1	2	1	2	3	18	31	34	14
18-20 LST	34	28	18	5	1	1	2	1	3	17	32	31	14
21-23 LST	39	28	21	8	2	2	2	3	4	17	34	35	16
ALL HOURS	38	32	25	8	3	3	4	5	7	18	34	38	18

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	3	3	3	2	0	1	1	1	4	6	6	3
03-05 LST	6	5	5	3	2	3	3	2	4	5	5	6	4
06-08 LST	7	5	9	2	2	2	3	3	4	5	5	7	4
09-11 LST	8	8	5	2	#	0	#	1	1	5	6	10	4
12-14 LST	5	5	2	1	#	1	#	#	1	2	3	8	2
15-17 LST	4	#	2	1	#	1	0	0	1	1	2	6	2
18-20 LST	4	#	2	#	0	0	#	0	#	2	4	5	2
21-23 LST	6	5	2	1	#	#	#	#	#	1	4	5	2
ALL HOURS	6	5	4	2	1	1	1	1	2	3	4	6	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: UFA-IN-BASHKUR, USSR
LOCATION: 5445N 5601E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 287220
ELEVATION (FEET): 646
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	1	3	4	2	0	0	0	0	1
03-05 LST	#	#	0	0	0	1	3	1	#	0	0	#	0
06-08 LST	0	0	0	1	0	0	2	#	0	#	0	0	#
09-11 LST	#	0	0	0	0	1	1	#	0	0	#	0	#
12-14 LST	0	#	0	0	1	1	3	1	0	0	0	0	1
15-17 LST	0	0	#	0	2	6	7	3	1	#	0	0	2
18-20 LST	0	0	#	1	1	6	4	1	#	#	0	#	1
21-23 LST	#	0	0	#	1	4	3	2	#	0	#	0	1
ALL HOURS	#	#	#	#	1	3	3	1	#	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	2	6	8	8	8	9	9	11	8	2	6
03-05 LST	#	1	1	5	6	7	8	8	10	10	7	2	6
06-08 LST	#	1	2	5	5	6	8	6	7	7	6	1	5
09-11 LST	2	1	1	6	6	7	5	7	11	10	4	1	5
12-14 LST	1	1	#	4	5	9	10	7	12	12	4	1	5
15-17 LST	1	1	2	7	8	9	11	8	12	12	3	1	6
18-20 LST	1	2	2	8	7	10	8	9	12	11	4	2	6
21-23 LST	#	1	1	4	7	6	4	7	9	14	7	1	5
ALL HOURS	1	1	1	6	6	8	8	8	10	11	6	2	6

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	34	30	17	4	#	0	0	#	1	17	29	39	14
03-05 LST	39	32	21	5	1	0	0	#	1	14	30	36	15
06-08 LST	43	38	18	5	#	0	0	0	#	12	30	38	15
09-11 LST	41	38	20	3	1	0	0	0	1	15	36	38	16
12-14 LST	36	27	16	6	1	#	0	0	1	16	28	37	14
15-17 LST	35	27	15	5	1	#	0	0	1	16	28	34	13
18-20 LST	28	26	13	6	1	0	0	0	1	15	27	33	13
21-23 LST	35	27	14	4	#	#	0	0	#	14	30	34	13
ALL HOURS	37	31	17	5	1	#	0	#	1	15	30	36	14

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	1	1	1	#	#	1	#	0	1	3	1
03-05 LST	2	2	#	1	#	#	#	0	#	1	2	2	1
06-08 LST	1	3	1	1	1	0	0	0	0	1	1	2	1
09-11 LST	2	1	1	1	1	0	0	#	1	1	1	3	1
12-14 LST	2	1	3	2	2	#	1	0	1	1	2	2	1
15-17 LST	1	2	1	1	2	1	#	#	1	1	1	2	1
18-20 LST	2	2	1	1	1	#	0	#	0	1	1	2	1
21-23 LST	2	1	1	2	#	1	0	#	#	#	1	3	1
ALL HOURS	2	2	1	1	1	#	#	#	#	1	1	2	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	33	26	10	3	2	5	5	5	21	32	37	18
03-05 LST	35	32	31	12	4	7	10	7	12	17	30	37	20
06-08 LST	35	34	36	10	5	6	8	10	12	18	31	38	20
09-11 LST	45	40	29	9	2	3	3	6	6	16	34	38	19
12-14 LST	34	28	18	4	2	2	1	2	4	13	26	36	14
15-17 LST	31	23	13	4	1	1	1	1	3	15	25	30	12
18-20 LST	32	28	18	5	1	1	2	1	2	15	26	28	13
21-23 LST	36	27	20	7	1	2	2	2	3	16	29	31	15
ALL HOURS	36	30	24	8	2	3	4	4	6	16	29	34	16

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	30	25	19	8	2	2	4	3	4	14	21	29	13
03-05 LST	28	23	24	9	3	6	8	5	8	12	21	26	15
06-08 LST	27	30	29	9	3	4	6	7	9	15	22	30	16
09-11 LST	36	32	23	7	1	1	1	2	4	12	24	29	14
12-14 LST	27	21	13	3	1	1	1	1	2	9	17	28	10
15-17 LST	24	17	8	2	1	1	#	1	2	10	15	22	9
18-20 LST	24	20	11	4	1	#	1	1	1	9	19	19	9
21-23 LST	26	19	15	5	1	1	2	1	2	11	18	22	10
ALL HOURS	28	23	18	6	2	2	3	3	4	11	20	26	12

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	14	13	5	2	1	2	2	2	8	13	17	8
03-05 LST	18	12	14	5	2	4	5	3	6	8	13	17	9
06-08 LST	16	14	16	7	3	3	4	4	6	10	12	16	9
09-11 LST	23	17	14	3	#	#	#	1	2	8	14	21	9
12-14 LST	19	11	7	2	#	1	1	1	1	4	8	19	6
15-17 LST	16	9	6	2	#	1	0	#	1	5	8	13	5
18-20 LST	15	9	8	2	1	0	#	0	#	6	9	11	5
21-23 LST	16	11	8	3	1	1	#	1	1	6	11	14	6
ALL HOURS	18	12	11	4	1	1	2	2	3	7	11	16	7

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	3	2	1	0	1	1	1	3	3	2	2
03-05 LST	3	2	3	3	1	2	3	1	3	4	3	2	2
06-08 LST	4	3	4	2	2	1	2	3	4	4	2	3	3
09-11 LST	3	3	2	0	#	0	#	1	1	2	2	4	2
12-14 LST	1	2	#	#	#	0	#	#	1	1	1	3	1
15-17 LST	1	2	1	1	#	1	0	0	#	#	1	3	1
18-20 LST	1	1	1	#	0	0	#	0	#	1	2	3	1
21-23 LST	1	1	#	1	#	#	#	#	#	#	1	2	1
ALL HOURS	2	2	2	1	1	1	1	1	1	2	2	3	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ULAN-UDE
LOCATION: 51°48'N, 107°27'E
PREPARED BY: USAFETAC/ECR, JUN 1988

STATION #: 308230
ELEVATION (FEET): 1,673
PERIOD: 7301-8612

ICAO ID: UIUU
LST - GMT -8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	38	41	59	82	90	102	102	104	88	75	50	45 104
MEAN DLY MAX	1	-4	6	26	44	60	72	75	71	60	40	20	3 39
MEAN	1	-14	-6	15	34	49	62	66	61	48	30	12	-5 29
MEAN DLY MIN	1	-23	-17	2	23	36	49	54	50	37	19	2	-14 18
EXTREME MIN	1	-60	-50	-40	-18	5	25	34	25	12	-18	-36	-56 -60
# DAYS > 90	1	0	0	0	0	0	0	2	1	0	0	0	0 5
# DAYS > 32	1	31	28	31	27	11	0	0	10	29	30	31	228
# DAYS > 0	1	31	27	15	0	0	0	0	0	1	14	27	115
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	.24	.08	.12	.24	.51	1.26	2.72	2.44	1.06	.32	.35	.35 9.69
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	2	8	4	3	4	6	9	12	11	8	6	9	10 90
# DAYS > 0.5	1	0	0	0	0	0	1	2	2	1	0	0	0 6
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (05 LST)	1	75	75	75	69	68	69	82	85	84	81	82	80 78
RH (17 LST)	1	68	60	48	37	35	40	46	47	45	48	63	71 51
VAPOR PRESS	1	.02	.03	.06	.10	.17	.31	.40	.36	.23	.12	.06	.03 .16
DEWPOINT	1	-19	-12	4	17	29	44	51	48	37	20	5	-10 18
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$W	\$W	\$W	\$NW	\$NW	\$NW	\$NW	\$NW	\$NW	\$NW	\$W	\$W \$NW
MEAN SPEED													
(PVLG DRCTN)	1	6	6	6	16	15	12	10	10	11	11	7	8 10
MEAN SPEED													
(ALL OBS)	1	2	3	6	10	10	8	6	6	6	5	4	3 6
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	2240	2350	2200	2700	2650	2370	2620	2550	2560	2380	2050	2100 2650
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	0	0	0	0	0	0	0	1	1	0	0	0
DAYS TSTMS	1	0	0	0	0	0	3	6	3	1	0	0	0
DAYS FOG < 7	1	23	20	13	6	5	6	8	12	10	12	17	13 142
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0 1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	47	22	3	5	5	5	8	6	8	9	21	40	15
03-05 LST	41	15	1	4	4	5	7	8	5	7	14	31	12
06-08 LST	43	16	3	3	4	4	6	6	5	7	20	35	13
09-11 LST	41	24	5	4	5	5	8	8	7	11	23	32	14
12-14 LST	44	32	8	6	12	15	22	16	13	15	29	32	20
15-17 LST	59	56	44	29	25	26	36	44	47	39	44	41	41
18-20 LST	79	70	41	14	8	14	18	17	22	30	44	59	35
21-23 LST	61	45	13	8	5	7	12	11	9	12	23	45	21
ALL HOURS	52	35	15	9	9	10	15	15	14	16	27	39	21

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	47	22	3	4	4	1	5	2	2	5	19	39	13
03-05 LST	40	14	1	4	2	2	4	4	1	4	10	29	10
06-08 LST	41	15	2	2	1	1	3	2	1	5	15	32	10
09-11 LST	41	24	4	2	#	1	2	3	1	6	18	29	11
12-14 LST	42	31	7	2	7	10	14	9	6	8	21	29	16
15-17 LST	57	55	44	26	21	20	29	38	38	32	39	39	37
18-20 LST	79	70	41	12	5	7	10	10	13	26	42	58	31
21-23 LST	61	45	13	5	3	2	6	5	3	7	20	44	18
ALL HOURS	51	35	14	7	5	6	9	9	8	12	23	38	18

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	1	#	2	1	1	1	1	#	1	3	6	2
03-05 LST	3	#	#	2	#	#	1	1	#	1	1	4	1
06-08 LST	5	1	1	1	#	#	2	1	0	2	3	4	2
09-11 LST	5	2	#	1	#	1	1	2	#	2	4	4	2
12-14 LST	7	2	1	#	#	1	3	3	4	4	5	5	3
15-17 LST	14	14	8	3	2	1	5	8	13	7	9	9	8
18-20 LST	21	8	1	2	#	1	2	2	2	4	10	17	6
21-23 LST	6	2	2	2	1	0	1	1	1	1	3	5	2
ALL HOURS	8	4	2	2	1	1	2	2	3	3	5	6	3

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	0	#	1	1	0	0	#	0	#	#	#
03-05 LST	#	0	0	#	0	0	0	0	#	0	0	1	#
06-08 LST	1	0	#	#	#	#	#	#	0	1	1	1	#
09-11 LST	#	1	0	#	#	#	#	1	0	#	1	1	1
12-14 LST	1	#	#	0	0	#	2	1	2	1	2	1	1
15-17 LST	1	0	1	0	1	#	2	5	8	3	3	1	2
18-20 LST	1	0	8	#	0	#	1	#	1	#	#	#	#
21-23 LST	1	#	#	#	#	0	#	#	1	0	1	0	#
ALL HOURS	1	#	#	#	#	#	1	1	1	1	1	1	1

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: ULAN-UDE
LOCATION: 51°48'N, 107°27'E
PREPARED BY: USAFETAC/ECR, JUN 1988

STATION #: 308230
ELEVATION (FEET): 1,673
PERIOD: 7301-8612

ICAO ID: UIUU
LST = GMT -8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	3	#	#	0	0	0	#
03-05 LST	0	0	0	0	0	1	3	1	#	0	0	0	#
06-08 LST	0	#	0	0	#	0	2	1	0	0	0	0	#
09-11 LST	0	0	0	0	0	#	1	1	1	0	0	#	#
12-14 LST	0	#	0	0	0	#	1	1	0	0	0	0	#
15-17 LST	#	0	0	0	0	#	#	#	0	0	0	0	#
18-20 LST	0	0	0	0	0	0	1	0	0	0	0	0	#
21-23 LST	0	0	0	0	0	1	2	1	0	0	0	0	#
ALL HOURS	#	#	0	0	#	1	2	1	#	0	0	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	4	8	9	5	6	3	1	0	3
03-05 LST	#	0	0	1	4	8	7	8	7	2	0	0	3
06-08 LST	0	#	0	1	3	8	7	6	7	2	0	0	3
09-11 LST	0	0	#	2	4	10	8	8	8	3	0	0	4
12-14 LST	0	0	0	1	4	8	9	10	8	2	#	#	4
15-17 LST	0	0	#	2	6	12	11	11	8	2	0	#	4
18-20 LST	#	#	#	1	6	10	10	11	9	2	1	#	4
21-23 LST	0	#	#	2	6	9	8	8	7	2	0	#	4
ALL HOURS	#	#	#	1	5	9	9	8	8	2	#	#	4

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	6	5	7	1	0	0	0	1	6	13	14	5
03-05 LST	8	7	4	4	1	0	0	0	#	4	12	15	5
06-08 LST	9	8	4	4	#	0	0	0	0	5	15	18	5
09-11 LST	12	8	5	6	1	0	0	0	#	6	18	18	6
12-14 LST	14	11	8	7	2	0	0	0	1	7	19	18	7
15-17 LST	18	12	9	11	2	0	0	0	1	8	20	21	8
18-20 LST	17	11	9	7	2	0	0	0	1	8	18	19	8
21-23 LST	14	7	5	6	2	0	0	0	#	6	14	15	6
ALL HOURS	13	9	6	6	1	0	0	0	#	6	16	17	6

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	6	12	14	8	3	3	2	3	1	1	5
03-05 LST	1	1	3	6	5	4	2	1	#	1	1	1	2
06-08 LST	1	1	1	4	5	#	1	1	1	1	2	#	2
09-11 LST	#	1	1	4	2	1	#	0	1	2	1	1	1
12-14 LST	#	1	2	4	3	0	0	1	#	1	1	#	1
15-17 LST	1	1	3	6	4	1	1	0	1	1	1	1	2
18-20 LST	1	1	3	11	9	3	1	1	3	2	2	1	3
21-23 LST	1	1	7	15	14	8	2	3	5	3	1	2	5
ALL HOURS	1	1	3	8	7	3	1	1	2	2	1	1	3

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	1	#	2	1	1	1	1	#	1	3	6	2
03-05 LST	3	#	#	2	#	#	1	1	#	1	1	4	1
06-08 LST	5	1	1	1	#	#	2	1	0	2	3	4	2
09-11 LST	5	2	#	1	#	1	1	2	#	2	4	4	2
12-14 LST	7	2	1	#	#	1	3	3	3	3	5	5	3
15-17 LST	14	14	8	3	2	1	5	8	13	7	9	9	8
18-20 LST	21	8	1	2	#	1	2	1	2	4	10	17	6
21-23 LST	6	2	2	2	1	0	1	1	1	#	3	5	2
ALL HOURS	8	4	2	2	1	1	2	2	2	2	5	6	3

6. % FREQ OF CIG/VIS < 500/1.5 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	1	#	2	1	1	1	#	#	#	3	6	2
03-05 LST	3	#	#	2	#	#	1	1	#	1	1	4	1
06-08 LST	5	1	1	1	#	#	1	1	0	2	3	4	2
09-11 LST	5	2	#	1	#	1	1	2	0	1	4	4	2
12-14 LST	7	2	1	#	#	1	3	3	3	3	5	5	3
15-17 LST	14	14	8	3	2	1	4	8	13	6	8	8	7
18-20 LST	21	8	1	2	#	1	2	1	2	4	10	17	6
21-23 LST	6	2	2	2	1	0	1	1	1	#	3	4	2
ALL HOURS	8	4	2	2	1	1	2	2	2	2	5	6	3

7. % FREQ OF CIG/VIS < 300/1 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	0	#	1	1	1	#	#	0	2	1	1
03-05 LST	1	0	0	#	0	0	#	#	#	0	#	1	#
06-08 LST	1	#	1	#	#	#	#	1	0	1	1	1	1
09-11 LST	1	1	#	#	#	#	#	1	0	1	2	2	1
12-14 LST	2	1	1	0	0	1	2	2	2	2	2	2	1
15-17 LST	3	2	2	1	1	#	2	6	10	4	4	2	3
18-20 LST	4	2	0	1	0	#	1	#	1	1	2	4	1
21-23 LST	1	#	#	1	#	0	1	1	1	0	1	2	1
ALL HOURS	2	1	0	1	#	#	1	2	2	1	2	2	1

8. % FREQ OF CIG/VIS < 100/0.25 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	#	#	1	0	0	#	0	0	0	#
03-05 LST	#	0	0	#	0	0	0	0	#	0	0	#	#
06-08 LST	#	0	#	#	#	#	#	#	0	1	1	0	#
09-11 LST	0	1	0	#	#	#	#	1	0	#	1	#	#
12-14 LST	#	0	0	0	0	#	1	1	1	1	1	#	0
15-17 LST	#	0	#	0	1	0	1	4	7	2	2	#	1
18-20 LST	#	0	0	#	0	#	#	#	#	#	#	#	#
21-23 LST	#	#	#	#	0	0	0	#	1	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	1	1	1	1	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: URUP-ON-KURILES RA
LOCATION: 46°12'N, 150°31'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 321860
ELEVATION (FEET): 230
PERIOD: VARIED

ICAO ID:
LST - GMT +11

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1-2	55	48	50	61	73	79	82	82	73	68	59	50	82
MEAN DLY MAX 1	25	23	26	34	40	45	51	56	54	47	37	30	39
MEAN 1	23	21	24	31	36	41	47	52	50	44	35	28	36
MEAN DLY MIN 1	20	18	21	28	32	37	43	47	46	40	31	25	32
EXTREME MIN 1-2	-2	-6	3	12	18	25	27	30	30	25	18	3	-6
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	27	15	3	#	#	#	1	17	29	182
# DAYS < 0 1	#	#	0	0	0	0	0	0	0	0	0	0	#
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/ PRECIP 1	19	15	14	9	8	7	8	7	7	10	15	18	137
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/ SNOWFALL 1	12	10	9	4	1	0	0	0	0	#	4	9	49
# DAYS W/ SNOW DEPTH > 1.0 2	31	28	29	17	1	0	0	0	0	#	8	24	138
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (08 LST) 1	82	82	84	89	93	97	98	97	92	88	85	83	89
RH (14 LST) 1	82	80	80	87	88	90	93	92	86	82	83	82	85
VAPOR PRESS 1	.11	.10	.11	.16	.20	.25	.32	.38	.33	.25	.18	.13	.21
DEWPOINT 1	18	16	19	28	34	39	46	50	47	39	30	23	32
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	NW	NW	NW	S	S	S	S	S	S	S	NW	NW	NW
MEAN SPEED (PVLG DRCTN) 1	22	22	19	15	14	12	12	11	12	13	21	22	16
MEAN SPEED (ALL OBS) 1	18	18	17	16	14	11	10	9	11	14	15	17	14
MAX (PK GST) 1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	1400	1650	1700	1400	1300	1100	1100	900	1200	1700	1400	1500	1700
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	6	6	6	6	7	7	7	7	6	5	6	6	6
DAYS TSTMS 1	#	#	#	0	0	#	#	#	#	0	0	#	#
DAYS FOG < 7 1	#	1	2	14	24	27	29	26	18	8	3	2	153
DAYS BNBD < 7 1	0	0	0	0	0	#	#	#	#	0	0	0	#
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY POR 5-17 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	70	62	53	60	74	84	86	76	55	45	56	67	66
03-05 LST	72	70	58	64	76	84	86	74	56	45	57	69	67
06-08 LST	77	74	59	66	76	81	88	75	61	54	69	75	71
09-11 LST	78	72	61	64	70	71	74	66	57	51	67	74	67
12-14 LST	79	70	60	61	63	62	69	61	51	46	65	75	63
15-17 LST	79	78	64	61	65	64	66	63	51	50	69	78	66
18-20 LST	72	70	62	61	69	75	78	72	56	51	63	70	67
21-23 LST	71	66	55	59	71	79	82	73	54	46	58	69	65
ALL HOURS	74	70	59	62	71	75	78	70	55	48	63	72	67

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	37	34	30	40	62	79	82	67	44	21	22	30	46
03-05 LST	37	34	31	38	62	79	82	66	46	23	21	31	46
06-08 LST	39	29	27	40	62	74	84	67	44	21	21	31	45
09-11 LST	37	30	26	38	55	64	69	58	42	22	21	34	41
12-14 LST	39	31	30	36	50	53	62	52	37	18	23	34	39
15-17 LST	39	36	31	39	52	55	60	53	37	20	24	35	40
18-20 LST	37	35	30	37	54	69	72	59	42	22	21	29	42
21-23 LST	34	33	28	37	57	73	76	66	42	20	22	31	43
ALL HOURS	38	33	29	38	57	68	73	61	42	21	22	32	43

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	24	19	33	56	76	80	65	40	15	15	16	39
03-05 LST	28	23	18	30	55	75	81	63	42	17	13	19	39
06-08 LST	26	19	18	32	54	69	82	65	40	15	10	18	37
09-11 LST	22	20	20	27	50	60	67	55	37	16	11	20	34
12-14 LST	27	20	20	27	42	47	57	48	32	13	14	21	31
15-17 LST	25	22	20	30	41	50	57	49	32	15	14	21	31
18-20 LST	28	25	20	28	46	64	69	57	39	17	14	19	36
21-23 LST	24	24	19	30	50	70	74	64	38	15	13	18	37
ALL HOURS	26	22	19	29	49	64	71	58	38	15	13	19	35

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	2	23	49	69	77	61	35	11	3	2	28
03-05 LST	1	3	1	21	49	69	77	61	38	12	3	3	28
06-08 LST	1	2	2	23	49	63	77	61	34	13	3	2	28
09-11 LST	1	2	3	18	40	51	59	50	32	12	4	4	23
12-14 LST	1	2	2	17	32	34	45	38	24	9	3	3	18
15-17 LST	2	2	3	20	32	39	46	41	26	11	5	4	19
18-20 LST	1	3	4	20	38	53	62	52	33	12	4	2	24
21-23 LST	2	2	2	21	43	62	70	59	34	11	4	3	26
ALL HOURS	1	2	2	21	41	55	64	53	32	12	4	3	24

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: URUP-ON-KURILES RA
LOCATION: 46°12'N, 150°31'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 321860
ELEVATION (FEET): 230
PERIOD: 7301-8612

ICAO ID:
LST - GMT +11

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	#	#	#	0	0	0	0	#
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	#	0	0	#	#
09-11 LST	1	#	0	0	0	0	0	0	#	0	0	0	#
12-14 LST	0	0	#	0	0	0	0	0	#	0	0	0	#
15-17 LST	0	#	0	0	0	0	0	#	#	0	0	0	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	#	0	0	#	#
ALL HOURS	#	#	#	0	0	#	#	#	#	0	0	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	7	16	15	19	16	15	14	8	3	10
03-05 LST	1	1	1	6	13	15	18	15	13	13	8	4	9
06-08 LST	2	1	1	5	13	16	19	15	13	12	8	4	9
09-11 LST	2	1	1	6	12	11	15	13	11	12	11	4	8
12-14 LST	1	#	1	6	13	11	8	9	12	13	9	2	7
15-17 LST	1	2	2	7	14	10	9	9	13	14	9	2	8
18-20 LST	1	1	2	7	15	10	11	11	15	13	12	3	9
21-23 LST	1	1	1	7	14	13	14	16	15	13	10	3	9
ALL HOURS	1	1	1	6	14	13	14	13	14	13	10	3	9

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	37	34	25	14	3	0	0	0	0	1	15	27	13
03-05 LST	36	32	26	13	3	0	0	0	#	1	16	27	13
06-08 LST	33	25	22	10	5	0	0	0	#	#	12	28	11
09-11 LST	35	31	24	12	5	0	0	#	#	1	14	34	13
12-14 LST	40	30	27	12	4	0	0	0	0	2	16	33	14
15-17 LST	37	33	29	10	3	#	0	0	0	2	16	34	14
18-20 LST	36	33	24	10	2	0	0	#	0	1	14	27	12
21-23 LST	34	31	23	11	3	0	0	0	0	2	14	29	12
ALL HOURS	36	31	25	12	4	#	0	#	#	1	15	30	13

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	24	24	15	10	3	2	4	5	14	16	19	13
03-05 LST	28	26	23	14	11	4	4	3	6	12	16	22	14
06-08 LST	26	31	24	14	10	3	2	2	4	10	18	22	14
09-11 LST	26	26	22	15	7	3	2	2	5	10	15	23	13
12-14 LST	27	28	23	18	11	6	4	3	4	9	14	21	14
15-17 LST	28	29	24	19	10	4	3	2	4	11	15	22	14
18-20 LST	26	26	21	16	9	4	2	2	6	11	15	22	13
21-23 LST	25	22	21	15	10	3	3	2	5	11	16	20	13
ALL HOURS	26	27	23	16	10	4	3	2	5	11	16	21	14

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73 - DEC 86, THREE HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	24	19	31	55	74	79	64	39	15	14	15	38
03-05 LST	28	23	18	29	54	74	80	63	42	16	13	19	38
06-08 LST	26	19	18	32	54	67	81	64	39	15	10	18	37
09-11 LST	22	20	20	27	49	58	65	54	37	16	11	19	33
12-14 LST	27	20	20	26	40	44	55	47	32	13	13	21	30
15-17 LST	25	22	20	28	40	48	54	48	31	15	13	21	30
18-20 LST	28	25	20	27	46	63	68	56	37	17	14	18	35
21-23 LST	24	24	19	29	49	70	73	62	37	15	12	18	36
ALL HOURS	26	22	19	28	48	62	69	57	37	15	12	19	35

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	19	14	27	50	71	78	62	36	12	10	11	34
03-05 LST	23	18	14	27	50	72	79	62	38	13	10	15	35
06-08 LST	23	15	13	28	50	66	80	63	37	13	7	12	34
09-11 LST	19	15	16	22	42	55	62	53	35	14	7	14	30
12-14 LST	23	17	16	21	35	40	51	45	29	11	9	16	26
15-17 LST	22	16	16	24	34	43	51	46	28	12	11	16	27
18-20 LST	24	19	16	24	41	58	66	55	34	13	9	14	31
21-23 LST	20	19	15	25	45	66	72	61	35	12	8	15	33
ALL HOURS	22	17	15	25	44	59	67	56	34	13	9	14	31

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	10	11	24	49	70	77	62	36	11	6	7	32
03-05 LST	14	11	9	24	50	70	78	62	38	13	6	9	32
06-08 LST	14	10	8	25	49	64	78	62	35	13	5	7	31
09-11 LST	11	9	11	20	40	53	59	50	33	12	4	10	26
12-14 LST	13	10	11	19	33	35	46	40	25	10	5	9	21
15-17 LST	14	11	13	21	33	41	47	41	26	11	7	11	23
18-20 LST	15	13	12	22	39	54	63	52	34	13	6	7	28
21-23 LST	13	12	9	23	43	63	71	61	34	11	5	9	30
ALL HOURS	14	11	10	22	42	56	65	54	33	12	6	9	28

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	1	21	45	65	69	52	30	10	2	1	25
03-05 LST	#	2	1	20	46	64	69	53	33	11	2	2	25
06-08 LST	#	1	2	21	46	59	68	53	31	11	2	1	25
09-11 LST	1	1	2	17	36	45	51	43	26	10	3	2	20
12-14 LST	#	2	2	15	28	29	36	31	19	6	2	1	14
15-17 LST	#	2	3	17	28	34	37	33	21	7	4	2	16
18-20 LST	#	2	4	19	35	47	52	46	30	9	3	1	21
21-23 LST	#	2	2	19	40	57	62	53	30	9	2	2	23
ALL HOURS	1	2	2	19	38	50	55	45	28	9	3	2	21

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: USOLYE-SIBIRSKOYE
 LOCATION: 54°45'N, 103°38'E
 PREPARED BY: USAFETAC/ECR, JUN 1988

STATION #: 307120
 ELEVATION (FEET): 1,476
 PERIOD: 7301-8612

ICAO ID: NONE
 LST = GMT +8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1	45	45	51	73	86	92	100	86	86	79	47	36	92
MEAN DLY MAX 1	2	10	27	42	57	69	72	67	57	40	21	7	39
MEAN 1	-4	1	19	34	49	61	65	59	48	33	16	1	32
MEAN DLY MIN 1	-10	-7	9	26	40	52	56	52	40	25	8	-4	24
EXTREME MIN 1	-38	-38	-23	-10	23	34	41	36	21	-3	-23	-35	-38
# DAYS > 90 1	0	0	0	0	0	1	1	0	0	0	0	0	2
# DAYS < 32 1	31	28	30	22	5	0	0	0	5	25	30	31	207
# DAYS < 0 1	26	21	6	#	0	0	0	0	0	#	6	21	80
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (05 LST) 1	89	91	86	75	74	84	88	91	88	84	86	87	85
RH (17 LST) 1	82	69	54	43	36	46	54	58	54	57	73	84	60
VAPOR PRESS 1	.04	.04	.08	.12	.19	.34	.45	.40	.26	.14	.08	.05	.18
DEWPOINT 1	-6	-2	11	21	31	47	55	51	40	24	11	-1	24
5. SURFACE WINDS (16 KT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	\$S	\$S	\$S	\$N	\$N	\$N	\$N	\$NW	\$S	\$S	\$S	\$S	\$S
MEAN SPEED													
(PVLG DRCTN) 1	4	4	4	7	7	5	4	5	4	4	4	3	5
MEAN SPEED													
(ALL OBS) 1	3	3	4	6	5	4	3	3	3	4	3	2	4
MAX (PK GST)	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	1900	1690	2250	2100	3040	2150	2000	2080	1940	2450	1900	2010	3040
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS TSTMS 1	#	#	#	#	1	3	4	2	#	#	#	#	12
DAYS FOG < 7 1	#	0	0	0	0	0	#	0	#	0	#	#	.1
DAYS BNBD < 7 1	0	0	0	0	#	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM > PVLG DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO.)::

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO.)::

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO.)::

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: USOLYE-SIBIRSKOYE
LOCATION: 52°45'N, 103°38'E
PREPARED BY: USAFETAC/ECR, JUN 1988

STATION #: 307120
ELEVATION (FEET): 1,476
PERIOD: 7301-8612

ICAO ID: NONE
LST - GMT +8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	2	#	0	0	0	0	*
03-05 LST	0	0	0	0	0	1	1	1	0	0	#	0	*
06-08 LST	#	0	0	1	0	0	0	0	0	0	0	0	*
09-11 LST	#	0	0	0	0	0	0	1	0	0	0	0	*
12-14 LST	0	0	0	0	1	0	1	0	0	0	0	#	*
15-17 LST	#	0	0	0	0	2	4	1	0	0	0	0	*
18-20 LST	0	0	0	0	0	2	2	1	0	0	0	0	*
21-23 LST	0	0	0	0	0	1	1	1	#	0	0	0	*
ALL HOURS	#	0	0	#	#	1	1	1	#	0	0	0	*

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	4	9	13	13	11	11	4	0	#	*
03-05 LST	#	1	0	3	12	10	14	12	11	4	#	#	*
06-08 LST	1	0	1	3	9	12	14	11	8	5	0	0	*
09-11 LST	#	0	0	2	9	17	17	13	11	6	0	1	*
12-14 LST	1	0	0	6	8	11	13	9	10	3	#	#	*
15-17 LST	1	#	1	2	5	6	9	11	7	2	1	0	*
18-20 LST	#	0	1	4	6	10	12	6	9	6	0	0	*
21-23 LST	0	0	0	3	8	13	12	10	10	3	0	0	*
ALL HOURS	#	#	#	3	8	11	13	10	10	4	#	#	*

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	12	8	7	1	0	0	0	1	7	13	20	*
03-05 LST	21	15	6	9	3	0	0	0	#	6	14	20	*
06-08 LST	20	17	11	10	6	0	0	0	#	9	16	21	*
09-11 LST	19	16	9	15	4	0	0	0	2	10	18	20	*
12-14 LST	13	8	6	6	2	0	0	0	0	5	12	13	*
15-17 LST	10	5	4	4	1	0	0	0	0	4	9	12	*
18-20 LST	13	6	3	3	1	0	0	0	0	6	10	16	*
21-23 LST	17	10	5	4	2	0	0	0	0	7	11	17	*
ALL HOURS	16	11	6	7	2	0	0	0	#	7	13	17	*

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	#	0	#	#	0	#	0	0	0	#
03-05 LST	0	#	0	0	1	#	0	#	0	#	0	0	#
06-08 LST	0	0	0	0	0	0	0	#	0	1	0	0	#
09-11 LST	0	0	0	0	0	0	#	#	0	1	0	0	#
12-14 LST	#	0	0	0	#	#	0	0	0	0	0	0	#
15-17 LST	0	0	#	0	0	0	0	0	0	0	#	0	0
18-20 LST	0	0	#	0	#	0	#	0	0	0	#	0	#
21-23 LST	0	0	0	#	0	0	#	0	#	0	#	0	#
ALL HOURS	#	0	#	#	#	#	#	#	#	#	#	0	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. CLIMATIC HANDBOOK OF USSR
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: UST-KUT, USSR
LOCATION: 5648N 10549E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 303200
ELEVATION (FEET): 948
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	32	42	50	66	86	88	90	88	74	72	44	32 90
MEAN DAILY MAX	1	-2	2	18	34	48	66	69	62	50	29	15	2 33
MEAN	1	-7	-2	13	28	42	58	62	56	44	24	11	-2 27
MEAN DAILY MIN	1	-12	-8	4	20	34	49	54	49	37	18	5	-7 20
EXTREME MIN	1	-52	-36	-25	-4	12	30	32	30	18	-21	-36	-48 -52
# DAYS GE 90	1	0	0	0	0	0	1	0	0	0	0	0	1
# DAYS LE 32	1	31	28	31	28	14	0	0	8	29	30	31	231
# DAYS LE 0	1	25	21	11	1	0	0	0	0	2	10	21	91
2. PRECIPITATION (INCHES)													
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MEAN		0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 0.004	1	18	14	14	11	10	6	8	9	16	21	20	155
# DAYS GE 0.5		0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN		0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0
# DAYS SNOWFALL	1	17	13	11	6	2	0	0	1	10	17	18	95
# DAYS GE 1.5		0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST)	1	86	84	76	69	70	73	79	86	84	85	87	85 81
RH (17 LST)	1	85	74	60	50	47	46	55	62	63	70	83	85 65
VAPOR PRESS	1	.03	.04	.06	.09	.15	.28	.37	.34	.22	.11	.07	.04 .15
DEWPOINT	1	-9	-6	3	14	26	41	49	47	35	17	7	-4 18
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	SW	SW	WSW	W	W	W	W	W	W	SW	SW	SW SW
MEAN SPEED													
(PVLG DRCTN)	1	7	8	9	9	9	7	7	7	7	8	8	8 8
MEAN SPEED													
(ALL OBS)	1	7	7	7	8	8	7	6	6	6	7	8	8 7
MAX PEAK GUST		0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	1450	1250	1400	1600	1800	1550	1700	1800	1450	1400	1450	1450 1800
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	6	6	6	6	6	6	6	6	7	6	6
DAYS TSTMS	1	0	0	0	0	1	5	7	3	1	0	0	19
DAYS FOG LT 7	1	3	2	1	1	3	2	6	9	8	2	1	3 41
DAYS BNBD LT 7	1	0	0	0	0	0	0	0	0	0	0	0	1
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN													

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	45	41	39	37	40	33	46	48	50	50	59	52	45
03-05 LST	50	46	44	44	29	16	33	42	55	55	60	50	44
06-08 LST	47	43	31	28	27	17	34	41	41	47	58	49	39
09-11 LST	43	36	35	35	29	17	36	40	43	46	52	46	38
12-14 LST	41	32	36	33	30	19	33	32	38	48	55	43	37
15-17 LST	37	30	31	29	27	14	25	26	32	40	51	45	32
18-20 LST	44	39	33	19	19	13	22	22	36	50	55	44	33
21-23 LST	47	46	38	36	40	26	39	49	46	48	58	48	43
ALL HOURS	44	39	36	33	30	20	34	38	43	48	56	47	39

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	45	40	39	36	38	31	44	44	47	44	56	50	43
03-05 LST	49	45	44	42	25	13	31	40	51	51	56	48	41
06-08 LST	46	41	30	25	22	13	32	39	36	41	55	47	36
09-11 LST	42	36	34	27	19	13	31	37	38	41	50	44	34
12-14 LST	41	31	30	22	17	10	21	21	28	39	53	42	30
15-17 LST	37	28	26	17	15	9	17	15	21	29	46	44	25
18-20 LST	42	38	33	14	14	7	18	15	30	44	52	43	29
21-23 LST	46	45	37	34	38	24	37	45	43	40	55	47	41
ALL HOURS	43	38	34	27	24	15	29	32	37	41	53	46	35

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	17	20	22	25	20	32	27	29	29	37	25	25
03-05 LST	28	22	22	26	20	11	24	31	34	35	41	27	27
06-08 LST	24	17	17	19	17	11	28	34	32	31	39	26	24
09-11 LST	17	9	15	18	10	9	25	27	30	28	32	25	21
12-14 LST	20	11	13	13	12	6	14	15	19	23	32	20	16
15-17 LST	16	10	13	9	8	5	13	11	15	22	29	23	14
18-20 LST	20	14	14	11	10	4	14	11	19	27	32	21	16
21-23 LST	21	20	19	19	25	18	29	26	25	27	38	24	24
ALL HOURS	21	15	17	17	16	11	22	23	25	28	35	24	21

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	1	3	2	8	7	11	3	3	1	3
03-05 LST	1	0	0	3	3	5	14	14	16	5	2	1	5
06-08 LST	1	0	1	4	4	6	17	22	19	5	3	2	7
09-11 LST	0	#	#	2	1	3	11	13	14	3	1	1	4
12-14 LST	#	#	0	2	1	1	6	5	7	4	2	1	2
15-17 LST	#	#	1	1	1	2	5	3	5	3	2	1	2
18-20 LST	#	#	1	1	2	1	4	5	6	4	2	1	2
21-23 LST	#	#	0	1	3	2	6	6	7	3	1	1	3
ALL HOURS	#	#	#	2	2	3	9	9	11	4	2	1	4

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: UST-KUT, USSR
 LOCATION: 5648N 10549E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 303200
 ELEVATION (FEET): 948
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT + 8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	1	1	0	0	0	0	0
03-05 LST	0	0	0	0	0	1	1	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	1	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	1	0	0	0	0
12-14 LST	0	0	0	0	0	3	4	2	0	0	0	0	1
15-17 LST	0	0	0	0	1	4	5	2	0	0	0	0	1
18-20 LST	0	0	0	0	0	2	5	2	0	0	0	0	1
21-23 LST	0	0	0	0	0	1	2	1	0	0	0	0	0
ALL HOURS	0	0	0	0	0	2	2	1	0	0	0	0	0

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	2	7	7	9	7	9	3	0	0	4
03-05 LST	1	1	0	1	6	6	12	8	11	2	0	0	4
06-08 LST	0	0	0	0	5	7	11	12	9	3	0	0	4
09-11 LST	1	1	1	1	8	8	9	9	11	2	1	1	4
12-14 LST	0	0	0	3	9	9	11	15	11	3	1	1	5
15-17 LST	0	1	0	1	8	8	11	13	11	3	1	0	5
18-20 LST	0	0	0	1	7	7	15	10	12	2	1	0	5
21-23 LST	0	0	0	1	6	8	8	9	12	3	1	0	4
ALL HOURS	0	0	0	1	7	7	11	10	11	2	1	0	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	47	39	33	17	7	0	0	0	5	30	56	56	24
03-05 LST	50	43	37	22	10	0	0	1	5	34	55	52	26
06-08 LST	48	42	34	25	11	1	0	1	7	30	55	54	26
09-11 LST	47	39	38	28	11	0	0	1	5	37	52	48	26
12-14 LST	43	39	42	27	11	1	0	0	4	35	58	49	26
15-17 LST	44	37	37	18	7	0	0	0	4	33	51	46	23
18-20 LST	46	35	27	16	7	0	0	0	3	28	49	50	22
21-23 LST	49	38	27	16	6	0	0	0	3	29	56	55	23
ALL HOURS	47	39	34	21	9	0	0	0	5	32	54	51	24

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	1	0	0	0
06-08 LST	0	0	0	0	1	0	1	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	1	1	0
12-14 LST	0	0	0	1	1	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	1	0	0	0	0
18-20 LST	0	0	0	1	0	0	0	0	0	0	0	1	0
21-23 LST	0	0	0	0	1	0	1	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	21	16	19	20	23	18	30	26	28	26	32	24	24
03-05 LST	26	20	20	25	18	10	24	30	33	30	36	25	25
06-08 LST	23	16	16	17	16	11	27	33	30	26	34	23	23
09-11 LST	16	9	14	15	8	7	23	25	26	23	29	23	18
12-14 LST	19	11	10	12	10	6	13	14	16	19	28	19	15
15-17 LST	15	9	11	8	6	5	12	9	14	19	26	22	13
18-20 LST	19	14	13	9	10	3	13	10	19	25	27	18	15
21-23 LST	20	18	18	19	24	18	29	25	24	25	34	22	23
ALL HOURS	20	14	15	15	14	10	21	22	24	24	31	22	19

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	14	14	15	20	16	28	23	26	18	24	17	19
03-05 LST	20	16	15	20	14	9	22	26	30	24	27	17	20
06-08 LST	17	14	14	13	12	7	25	31	27	18	26	16	18
09-11 LST	13	7	11	11	5	5	19	20	20	17	22	21	14
12-14 LST	17	11	10	9	7	3	11	10	12	14	22	17	12
15-17 LST	14	9	10	7	5	3	11	7	10	17	21	20	11
18-20 LST	15	13	12	7	7	2	12	9	16	20	20	13	12
21-23 LST	16	15	13	13	20	17	27	24	20	18	24	17	19
ALL HOURS	16	12	12	12	11	8	19	19	20	18	23	17	16

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	#	4	5	2	11	11	12	5	6	3	5
03-05 LST	1	0	1	8	7	6	17	16	18	7	4	2	7
06-08 LST	2	1	2	6	6	7	21	26	22	10	6	3	9
09-11 LST	1	1	2	4	2	3	14	15	15	7	4	3	6
12-14 LST	3	1	4	4	3	1	9	7	9	6	5	4	5
15-17 LST	2	1	2	3	2	2	8	4	6	9	4	2	4
18-20 LST	0	1	2	3	3	2	7	6	8	7	4	2	4
21-23 LST	1	1	1	2	4	3	9	9	7	6	5	3	4
ALL HOURS	1	1	2	4	4	3	12	12	12	7	5	3	5

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	2	1	4	5	7	2	0	1	2
03-05 LST	#	0	0	1	2	3	10	10	10	3	1	#	3
06-08 LST	1	0	1	3	4	2	11	15	16	3	1	1	5
09-11 LST	0	0	0	2	1	1	5	6	9	2	#	#	2
12-14 LST	0	0	0	1	0	0	2	1	5	1	1	#	1
15-17 LST	#	#	1	#	0	#	1	1	2	1	1	#	1
18-20 LST	#	#	1	1	1	#	1	2	4	1	1	1	1
21-23 LST	#	#	0	1	2	1	3	3	5	2	#	1	2
ALL HOURS	#	#	#	1	1	1	5	5	7	2	1	1	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: UST-OORDA-IN-IRKUTSK, USSR
 LOCATION: 52°49'N, 104°47'E
 PREPARED BY: USAFETAC/ECR, JUL 1988

STATION #: 307130
 ELEVATION (FEET): 1,723
 PERIOD: 7301-8612

ICAO ID: UIIO
 LST = GMT +8

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1	36	43	61	84	91	95	97	93	84	79	57	39	97
MEAN DLY MAX 1	-4	2	21	40	56	68	70	66	54	36	17	2	36
MEAN 1	-10	-5	13	32	49	61	64	59	47	30	12	-3	29
MEAN DLY MIN 1	-16	-13	1	24	38	51	55	50	38	21	3	-8	20
EXTREME MIN 1	-58	-49	-35	-26	7	25	32	27	10	-22	-40	-51	-58
# DAYS > 90 1	0	0	0	0	#	1	#	#	0	0	0	0	1
# DAYS < 32 1	28	25	27	23	9	#	#	#	9	28	30	30	210
# DAYS ≥ 0 1	26	23	12	1	0	0	0	0	0	1	12	25	99
2. PRECIPITATION (INCHES)													
MAXIMUM 2	1.1	0.9	1.3	1.8	4.3	11.9	8.9	6.8	5.5	2.9	1.6	2.8	31.4
MEAN 2	0.4	0.3	0.4	0.6	1.3	2.8	3.6	3.3	1.7	0.8	0.7	0.6	16.6
MINIMUM 2	0	0	0	0	0.2	0.4	0.5	0.4	0.2	0.1	0	0.1	9.9
MAX 24 HR 2	0.4	0.3	0.5	1.0	1.7	2.8	2.7	3.2	2.4	1.8	0.5	0.3	3.2
# DAYS > 0.04 2	13	9	8	7	10	13	14	15	12	9	12	15	137
# DAYS ≥ 0.5	#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.1	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS ≥ 1.5	#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (°Hg) / DEWPOINT (°F)													
RH (13 LST) 1	82	83	85	82	78	87	93	93	91	89	88	85	87
RH (22 LST) 1	78	74	63	46	40	49	57	55	51	57	74	81	60
VAPOR PRESS 1	.03	.03	.07	.12	.18	.33	.44	.37	.23	.13	.07	.04	.17
DEWPOINT 1	-13	-9	5	19	30	46	53	49	37	22	7	-6	20
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLC DRCTN 1	N	N	N	WNW	WNW	WNW	WNW	SW	WNW	N	N	NNE	N
MEAN SPEED (PVLC DRCTN) 1	5	5	5	12	12	9	8	7	9	5	5	5	7
MEAN SPEED (ALL OBS) 1	5	5	6	7	8	6	5	5	5	5	5	5	6
MAX (PK GST) 1	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT 1	2350	2400	2450	2650	2350	2450	2600	2500	2450	2350	2200	2150	2650
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	5	5	6	6	6	6	6	5	6	6	6	6
DAYS TSMS 1	#	#	#	#	#	2	6	4	1	#	0	#	14
DAYS FOG < 7 1	7	6	2	1	1	3	6	6	3	3	6	9	53
DAYS BNBD < 7 1	0	#	#	#	1	0	#	#	#	#	0	0	2
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2. NATIONAL INTELLIGENCE SURVEY, 75 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	16	7	8	6	10	15	14	12	12	21	26	14
03-05 LST	19	22	9	10	13	20	31	30	20	15	26	26	20
06-08 LST	26	22	9	10	15	19	29	32	24	20	27	28	22
09-11 LST	33	40	0	19	9	19	21	32	20	21	21	12	21
12-14 LST	18	18	5	9	6	9	15	15	10	13	19	20	13
15-17 LST	14	11	6	4	6	7	12	13	11	12	14	21	11
18-20 LST	20	17	6	4	5	8	9	8	9	10	17	25	11
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	15	6	6	4	6	12	11	7	8	16	24	11
03-05 LST	17	22	9	8	8	18	27	27	14	10	21	23	17
06-08 LST	25	21	9	7	8	14	26	25	19	14	22	26	18
09-11 LST	33	20	0	7	3	11	14	20	12	13	14	0	12
12-14 LST	17	17	5	3	2	4	8	6	4	6	14	19	9
15-17 LST	12	11	5	1	2	2	6	6	6	6	12	20	7
18-20 LST	19	17	6	3	3	4	5	4	4	8	15	24	9
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	4	2	3	3	3	6	6	3	4	8	11	5
03-05 LST	6	6	4	3	4	10	18	16	8	4	14	9	9
06-08 LST	10	6	5	5	4	11	19	18	15	7	11	15	10
09-11 LST	0	0	0	7	1	6	7	14	8	9	11	0	5
12-14 LST	9	8	2	2	1	1	5	4	3	3	7	10	5
15-17 LST	5	4	4	1	1	0	3	3	2	3	6	13	4
18-20 LST	5	5	2	2	1	2	2	2	2	4	6	10	4
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	1	1	#	2	2	2	1	2	2	1
03-05 LST	0	1	1	1	2	5	8	7	3	1	5	3	3
06-08 LST	1	1	1	1	2	4	7	8	6	3	3	2	3
09-11 LST	0	0	0	7	0	1	1	2	1	2	4	0	1
12-14 LST	#	0	0	0	0	0	#	1	0	0	1	2	#
15-17 LST	1	0	1	0	0	0	0	0	0	0	1	1	#
18-20 LST	#	1	0	1	#	1	0	1	1	#	1	1	#
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: UST-OORDA-IN-IRKUTSK, USSR
LOCATION: 52°49'N, 104°47'E
PREPARED BY: USAFETAC/ECR, JUL 1988

STATION #: 307130
ELEVATION (FEET): 1,723
PERIOD: 7301-8612

ICAO ID: UIIO
LST - GMT +8

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	3	1	#	#	0	0	#
03-05 LST	0	1	0	0	0	1	1	2	0	0	0	0	#
06-08 LST	0	0	0	0	0	1	#	#	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	#	3	3	1	0	#	0	#	1
15-17 LST	0	0	1	0	1	2	5	3	0	0	0	0	1
18-20 LST	#	0	0	#	0	2	5	2	0	#	0	#	1
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	2	4	9	11	9	6	3	#	0	4
03-05 LST	1	0	0	2	5	12	10	11	5	3	0	0	4
06-08 LST	#	0	1	#	6	12	13	9	8	1	1	#	4
09-11 LST	0	0	0	0	8	12	13	12	6	1	0	0	4
12-14 LST	0	#	0	2	5	12	12	8	7	2	1	#	4
15-17 LST	0	0	1	4	5	13	13	10	5	3	1	0	4
18-20 LST	#	#	0	2	5	11	8	9	3	3	1	0	3
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	13	8	6	2	#	0	0	#	6	14	17	7
03-05 LST	19	21	9	8	2	1	0	0	1	9	19	16	9
06-08 LST	27	25	10	7	3	0	0	#	#	9	17	19	10
09-11 LST	0	20	0	22	3	0	0	0	2	8	11	12	7
12-14 LST	20	11	8	6	4	0	0	#	1	7	15	19	8
15-17 LST	13	8	6	5	3	1	0	0	0	3	13	15	6
18-20 LST	14	10	5	3	1	#	0	0	0	5	12	16	6
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	1	1	#	0	#	1	#	#	#	1	#
03-05 LST	0	0	1	1	1	0	0	1	0	1	0	0	#
06-08 LST	0	0	#	1	#	0	0	0	0	1	#	1	#
09-11 LST	0	0	0	11	1	1	0	0	1	0	0	0	1
12-14 LST	0	0	1	2	2	1	#	0	0	#	0	1	1
15-17 LST	0	0	1	2	4	0	0	0	0	0	1	1	1
18-20 LST	0	#	#	1	2	1	#	0	1	1	#	0	1
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	4	2	3	3	3	6	6	3	3	8	11	5
03-05 LST	6	6	4	3	4	9	15	14	7	4	14	9	8
06-08 LST	10	6	5	5	4	10	17	17	13	6	10	14	10
09-11 LST	0	0	0	7	1	4	6	10	6	8	11	0	4
12-14 LST	9	8	2	2	1	1	3	3	2	2	6	9	4
15-17 LST	5	4	4	1	1	0	3	2	1	3	6	13	3
18-20 LST	5	5	2	2	1	2	2	2	2	3	6	9	3
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	2	2	2	2	4	5	2	3	7	10	4
03-05 LST	3	4	3	1	2	8	14	12	5	4	10	9	6
06-08 LST	6	6	4	4	4	7	12	13	11	5	9	12	8
09-11 LST	0	0	0	7	1	2	5	7	5	7	11	0	4
12-14 LST	7	5	2	1	1	#	3	2	1	2	5	7	3
15-17 LST	3	1	4	1	1	0	3	2	1	2	4	11	3
18-20 LST	4	4	2	2	1	1	1	2	1	3	5	8	3
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	2	1	3	3	2	2	3	5	2
03-05 LST	1	2	1	1	2	5	12	11	4	3	8	5	5
06-08 LST	2	4	3	3	2	5	9	10	8	3	5	5	5
09-11 LST	0	0	0	7	1	1	2	3	3	4	7	0	2
12-14 LST	3	2	1	1	#	#	2	2	#	1	2	3	1
15-17 LST	3	1	3	1	1	0	1	2	1	1	2	5	2
18-20 LST	1	1	1	1	1	1	1	1	1	1	3	2	1
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	0	0	0	0	1	1	1	1	1	#
03-05 LST	0	1	0	1	2	2	5	3	2	1	3	1	2
06-08 LST	1	#	1	1	1	3	6	7	5	2	2	1	3
09-11 LST	0	0	0	4	0	1	1	1	1	2	0	0	1
12-14 LST	#	0	0	0	0	0	#	#	0	0	1	1	#
15-17 LST	1	0	1	0	0	0	0	0	0	0	1	1	#
18-20 LST	0	1	0	1	#	1	0	1	#	#	#	#	#
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: VLADIMIR, USSR
 LOCATION: 5608N 4024E
 PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 275320
 ELEVATION (FEET): 558
 PERIOD: 7301-8612

ICAO: M/A
 LST = GMT + 3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	1	54	55	57	77	86	90	95	97	86	73	55	48	97
MEAN DAILY MAX	1	18	20	33	48	63	69	72	68	57	43	32	23	46
MEAN	1	14	14	26	41	54	60	64	60	50	38	28	19	39
MEAN DAILY MIN	1	8	7	19	34	45	51	55	52	43	33	24	14	32
EXTREME MIN	1	-34	-29	-16	14	16	32	28	32	21	1	-13	-46	-46
# DAYS GE 90	1	0	0	0	0	0	#	#	1	0	0	0	0	1
# DAYS LE 32	1	31	28	29	15	2	#	#	#	3	14	24	31	177
# DAYS LE 0	1	10	9	2	0	0	0	0	0	0	0	#	5	26
2. PRECIPITATION (INCHES)														
MAXIMUM	2	2.8	3.0	2.4	2.9	3.3	6.4	4.7	5.0	5.0	4.8	4.7	4.5	29.5
MEAN	2	1.5	1.5	1.3	1.3	1.7	2.4	2.6	2.5	2.2	2.2	2.1	1.9	23.2
MINIMUM	2	0.7	0.7	0.4	0.3	0.4	0.6	0.7	0.6	0.6	0.5	0.8	0.6	17.9
MAX 24 HR	2	1.0	0.7	0.6	0.7	0.8	1.0	1.2	1.9	1.7	1.4	1.2	0.9	1.9
# DAYS GE 0.004		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.1	2	16	15	11	5	1	0	0	0	1	5	14	16	84
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (6 LST)	1	87	85	87	84	82	86	90	92	92	90	90	89	88
RH (16 LST)	1	81	75	67	59	50	55	58	60	65	74	86	84	68
VAPOR PRESS	1	.08	.08	.12	.19	.29	.39	.45	.42	.31	.21	.15	.10	.23
DEWPOINT	1	13	12	20	32	42	50	55	53	44	34	26	17	34
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	S	\$S	\$S	\$S	\$N	\$N	\$N	\$N	\$SW	SSW	SW	S	\$S
MEAN SPEED														
(PVLG DRCTN)	1	9	9	9	9	10	10	8	9	8	9	9	9	9
MEAN SPEED														
(ALL OBS)	1	8	7	7	8	7	6	5	6	7	8	8	8	7
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1850	1700	1440	1250	1740	1650	1300	1300	1530	1500	1840	1900	1900
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	5	5	5	5	5	5	5	5	6	7	7	5
DAYS TSTMS	1	#	1	#	1	4	7	8	7	2	#	#	#	30
DAYS FOG LT 1	1	1	1	1	1	#	#	#	1	1	1	2	2	11
DAYS FOG LT 7	1	23	20	21	17	13	14	20	20	22	21	23	23	236
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV, JAN 73 - DEC 86, 3 HRLY
 2. NIS 26, CHAPTER II, PART I, VOL I, Using Gor'kly data, POR Varied.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	76	67	56	40	34	36	48	48	58	62	82	78	57
06-08 LST	79	67	64	53	40	42	57	58	70	70	84	80	64
09-11 LST	80	77	69	46	33	34	44	46	64	73	83	82	61
12-14 LST	78	64	54	42	35	39	47	48	52	64	80	82	57
15-17 LST	71	57	44	37	34	43	44	46	44	60	78	72	53
18-20 LST	69	53	41	33	28	26	31	31	37	56	76	77	46
21-23 LST	74	60	47	36	26	25	32	34	47	60	77	76	49
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	74	65	50	37	28	32	45	44	55	52	75	74	53
06-08 LST	75	65	61	49	35	37	55	54	65	62	77	76	59
09-11 LST	78	75	64	41	25	25	41	42	61	68	79	79	57
12-14 LST	75	64	48	33	18	15	22	24	36	53	74	77	45
15-17 LST	71	54	39	22	14	10	15	17	25	42	69	67	37
18-20 LST	66	48	35	23	13	9	15	13	25	40	66	71	35
21-23 LST	70	55	41	32	19	18	25	27	40	49	70	71	43
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	49	35	30	19	9	8	10	13	20	30	51	54	27
06-08 LST	54	40	38	24	14	14	25	25	32	40	54	56	35
09-11 LST	58	51	41	23	12	10	17	19	34	42	58	60	35
12-14 LST	50	38	24	18	8	5	8	8	19	30	52	54	26
15-17 LST	40	29	18	13	5	3	5	7	13	24	46	48	21
18-20 LST	45	26	17	12	5	3	4	4	13	24	47	50	21
21-23 LST	45	30	24	17	7	5	5	7	15	27	46	52	23
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	2	4	4	4	1	1	2	2	3	5	9	5	4
06-08 LST	3	4	7	7	3	2	5	7	8	7	11	7	6
09-11 LST	2	5	8	5	1	1	#	2	5	9	9	5	4
12-14 LST	2	2	4	2	1	0	0	0	1	5	7	5	2
15-17 LST	2	1	1	1	0	0	0	0	1	3	6	5	2
18-20 LST	2	1	1	1	#	0	1	#	#	3	8	6	2
21-23 LST	2	3	3	3	1	1	1	#	1	3	6	6	3
ALL HOURS	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: VLADIMIR, USSR
LOCATION: 5608N 4024E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 275320
ELEVATION (FEET): 558
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	#	0	0	1	0	1	1	0	#	0	0	#
06-08 LST	#	#	0	0	0	#	1	2	0	0	0	0	#
09-11 LST	#	#	#	0	#	#	#	#	#	0	0	0	#
12-14 LST	#	1	0	0	1	1	1	1	0	0	#	0	#
15-17 LST	0	0	0	0	2	5	3	3	1	0	0	#	1
18-20 LST	#	0	0	0	3	6	5	4	#	#	0	0	2
21-23 LST	#	#	0	0	1	2	3	2	#	0	0	#	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	2	4	9	8	7	8	6	11	11	9	4	7
06-08 LST	3	3	4	9	8	8	10	10	12	10	9	5	8
09-11 LST	3	3	5	7	10	8	12	8	14	14	11	4	8
12-14 LST	3	2	4	8	9	8	9	8	11	12	12	5	8
15-17 LST	2	2	3	7	8	9	11	11	15	13	11	5	8
18-20 LST	2	1	4	10	12	11	9	10	12	14	12	4	8
21-23 LST	3	2	4	7	8	7	8	8	12	13	12	4	7
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	34	25	14	4	0	0	0	0	1	5	15	33	11
06-08 LST	38	26	19	7	#	0	0	0	#	7	20	35	13
09-11 LST	37	35	24	7	#	0	0	0	#	10	25	37	15
12-14 LST	41	32	17	8	1	0	0	0	1	8	28	39	14
15-17 LST	38	30	14	6	1	0	0	0	#	8	24	38	13
18-20 LST	34	26	16	6	1	0	0	0	1	5	18	33	12
21-23 LST	33	24	13	6	#	0	0	0	#	6	17	32	11
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	1	#	0	#	0	0	0	0	#	0	#	#
06-08 LST	#	0	#	#	#	#	#	0	0	0	#	0	#
09-11 LST	#	0	0	0	#	0	0	0	0	0	#	#	#
12-14 LST	#	0	#	#	0	#	#	0	#	#	#	0	#
15-17 LST	#	0	0	#	#	0	0	0	#	1	#	#	#
18-20 LST	#	#	#	#	#	#	0	0	0	#	#	#	#
21-23 LST	#	#	0	#	0	0	0	0	0	0	1	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV, JAN 73 - DEC 86, 3 HRLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	45	33	29	18	8	7	10	13	19	27	48	50	26
06-08 LST	51	37	35	23	13	14	24	24	30	36	50	54	33
09-11 LST	54	50	39	21	10	9	15	17	31	40	52	56	33
12-14 LST	48	36	22	16	7	5	6	6	15	27	48	50	24
15-17 LST	38	25	16	12	4	2	4	6	11	20	41	44	19
18-20 LST	39	25	15	11	4	3	4	4	12	22	42	46	19
21-23 LST	43	29	22	15	6	4	4	7	14	25	42	47	22
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	29	22	20	13	5	5	7	10	13	19	34	38	18
06-08 LST	32	27	28	18	10	9	19	18	22	29	38	44	24
09-11 LST	32	32	31	16	7	4	8	12	22	31	37	42	23
12-14 LST	28	20	17	12	5	2	3	3	10	20	34	40	16
15-17 LST	24	14	12	8	2	1	2	4	6	15	29	33	13
18-20 LST	22	16	12	8	2	1	2	3	6	14	30	34	13
21-23 LST	24	17	16	10	3	3	2	5	10	18	28	33	14
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	10	9	8	1	3	4	4	6	11	19	17	9
06-08 LST	13	14	15	12	5	5	8	11	14	15	22	19	13
09-11 LST	12	15	16	8	3	2	2	4	10	17	20	19	10
12-14 LST	10	8	8	5	1	1	1	0	3	9	16	16	7
15-17 LST	8	4	5	4	0	#	0	#	1	8	14	17	5
18-20 LST	10	6	5	4	#	#	1	1	2	6	15	15	5
21-23 LST	11	7	8	6	1	2	1	1	4	8	13	18	7
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	1	3	2	1	1	1	2	2	2	3	3	2
06-08 LST	1	2	4	5	1	1	2	5	5	4	5	4	3
09-11 LST	1	3	6	3	1	0	#	1	3	6	4	3	3
12-14 LST	1	1	2	1	0	0	0	0	#	2	3	3	1
15-17 LST	#	#	#	1	0	0	0	0	#	1	3	3	1
18-20 LST	1	#	1	1	#	0	#	0	0	2	5	3	1
21-23 LST	1	1	2	2	#	1	0	#	1	2	3	3	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: VLADIVOSTOK RA
LOCATION: 43°06'N, 131°55'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 319600
ELEVATION (FEET): 453
PERIOD: VARIED

ICAO ID: UHWW
LST - GMT +10

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1-2	41	50	59	74	86	92	97	90	84	77	68	48	97
MEAN DLY MAX	1	14	19	33	46	56	59	67	72	65	51	34	20	45
MEAN	1	9	14	28	40	50	55	64	67	60	46	30	15	40
MEAN DLY MIN	1	2	7	22	35	44	51	60	63	54	39	24	8	34
EXTREME MIN	1-2	-24	-20	-8	16	30	34	46	50	36	18	3	-18	-24
# DAYS > 90	1	0	0	0	0	0	#	#	#	0	0	0	0	#
# DAYS < 32	1	31	28	30	8	#	0	0	0	0	7	25	31	160
# DAYS < 0	1	15	6	#	0	0	0	0	0	0	0	0	5	26
2. PRECIPITATION (INCHES)														
MAXIMUM	2	1.5	1.9	4.9	3.0	5.2	7.6	9.2	16.7	13.3	4.7	7.7	1.9	#
MEAN	2	0.3	0.4	0.7	1.2	2.1	2.9	3.3	4.7	4.3	1.9	1.2	0.6	23.4
MINIMUM	2	0.0	0.0	0.0	0.2	0.1	0.4	0.8	0.5	0.7	#	0.0	0.0	#
MAX 24 HR	2	0.9	1.3	2.9	1.6	2.2	2.8	3.1	5.7	4.4	3.0	5.2	1.4	5.7
# DAYS W/ SNOWFALL	1	6	8	10	13	15	21	20	16	13	11	8	7	148
# DAYS > 0.01	2	4	3	5	7	10	14	14	13	10	7	4	3	94
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS W/ SNOWFALL	1	5	7	8	3	1	0	0	0	#	2	4	6	35
# DAYS W/ SNOW DEPTH > 1.0	2	15	16	12	2	0	0	0	0	0	0	7	15	66
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (07 LST)	1	62	60	66	74	82	94	95	91	84	70	63	62	75
RH (18 LST)	1	52	51	52	56	63	83	84	76	64	53	51	52	61
VAPOR PRESS	1	.04	.05	.10	.17	.26	.39	.55	.59	.41	.22	.11	.06	.25
DEWPOINT	1	-2	1	15	28	40	51	61	62	51	33	16	3	30
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLC DRCTN	1	N	N	N	SSE	SSE	SSE	SSE	S	N	N	N	N	N
MEAN SPEED (PVLC DRCTN)	1	15	16	14	17	16	15	14	13	12	15	15	15	15
MEAN SPEED (ALL OBS)	1	14	14	13	14	13	12	11	12	11	14	14	14	13
MAX (PK GST)		#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	800	960	800	1140	1180	1350	1080	1200	1100	1250	990	1050	1350
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	2	3	4	5	5	7	7	6	4	4	3	3	4
DAYS TSMTS	1	#	#	0	#	1	1	1	2	2	1	#	#	8
DAYS FOG <7	1	1	1	6	11	14	22	23	15	7	6	3	2	111
DAYS BNBD <7	1	#	#	#	0	0	0	#	#	#	#	#	0	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, THREE HOURLY, JAN 73 - DEC 86
 2. NATIONAL INTELLIGENCE SURVEY, JUL 71, VARIED POR, 2-44 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	11	10	24	32	39	73	72	54	29	31	21	12	34
03-05 LST	11	11	25	33	44	78	77	59	36	30	21	14	37
06-08 LST	11	12	26	33	45	80	81	59	37	32	22	12	37
09-11 LST	10	11	23	35	39	76	74	56	37	29	19	11	35
12-14 LST	8	11	19	28	31	63	62	48	31	26	16	7	29
15-17 LST	6	10	21	35	31	60	56	44	31	25	18	11	29
18-20 LST	7	12	20	33	35	63	58	45	32	28	19	11	30
21-23 LST	10	11	24	32	38	71	65	50	30	25	18	12	32
ALL HOURS	9	11	23	33	38	71	68	52	33	28	19	11	33

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO.)::

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	6	18	24	31	66	65	47	21	17	12	7	27
03-05 LST	7	6	20	25	33	71	70	48	24	17	11	8	28
06-08 LST	8	7	19	27	39	73	74	50	28	21	11	6	30
09-11 LST	7	8	19	29	32	72	68	45	27	18	12	8	29
12-14 LST	6	8	13	22	21	55	51	35	19	13	9	5	21
15-17 LST	5	7	13	24	21	48	42	33	17	13	7	7	20
18-20 LST	5	10	13	24	23	53	48	35	20	15	11	7	22
21-23 LST	7	8	16	24	27	62	55	40	21	15	10	8	25
ALL HOURS	7	8	16	25	28	63	59	41	22	16	10	7	25

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO.)::

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	14	18	25	61	59	35	12	11	8	3	21
03-05 LST	3	5	14	20	26	65	62	37	12	11	8	4	22
06-08 LST	4	3	14	21	33	68	69	41	17	14	7	3	25
09-11 LST	5	5	14	23	29	66	62	37	18	13	9	5	24
12-14 LST	4	6	11	18	19	49	45	26	12	7	6	3	17
15-17 LST	4	6	10	17	15	41	37	27	10	8	5	4	15
18-20 LST	3	8	10	18	18	45	42	27	11	10	6	4	17
21-23 LST	4	4	12	19	24	57	50	31	10	10	7	4	19
ALL HOURS	4	5	12	19	24	57	53	33	13	10	7	4	20

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO.)::

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	8	14	21	54	50	27	6	7	5	1	16
03-05 LST	1	2	9	17	22	58	56	29	7	8	4	1	18
06-08 LST	1	1	9	18	28	61	62	33	9	8	4	1	20
09-11 LST	2	2	9	18	23	55	51	26	8	9	5	2	17
12-14 LST	1	2	5	10	12	38	32	14	4	4	3	1	11
15-17 LST	2	3	6	11	10	29	26	13	5	5	3	1	9
18-20 LST	1	3	6	12	11	38	34	16	5	7	4	2	12
21-23 LST	1	3	6	15	19	47	43	23	5	6	3	1	14
ALL HOURS	1	2	7	14	18	48	44	23	6	7	4	1	15

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: VLADIVOSTOK RA
LOCATION: 430°07'N, 131°55'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 319600
ELEVATION (FEET): 453
PERIOD: VARIED

ICAO ID: UHWW
LST - GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	0	0	0	#	1	#	0	0	#
03-05 LST	0	0	0	0	0	0	#	#	#	#	#	0	#
06-08 LST	0	0	0	#	0	0	#	0	1	#	0	0	#
09-11 LST	0	#	0	0	0	1	0	0	#	#	0	0	#
12-14 LST	0	0	0	0	0	0	0	#	#	#	0	0	#
15-17 LST	0	0	0	0	#	0	#	#	1	0	0	#	#
18-20 LST	#	0	0	0	#	0	1	1	1	0	0	0	#
21-23 LST	0	0	0	0	1	#	#	1	2	1	0	0	#
ALL HOURS	#	#	0	#	#	#	#	#	1	#	#	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	7	10	21	19	12	7	5	1	#	7
03-05 LST	0	1	2	7	11	28	23	16	9	5	2	#	9
06-08 LST	0	0	1	9	12	29	25	13	9	7	1	0	9
09-11 LST	1	#	#	10	13	28	21	13	10	6	1	#	9
12-14 LST	0	#	1	9	12	20	18	10	10	7	2	0	8
15-17 LST	0	1	#	9	8	15	12	11	10	7	3	1	7
18-20 LST	#	#	#	7	8	14	14	11	11	5	4	1	6
21-23 LST	0	0	#	7	11	21	16	13	10	5	2	1	7
ALL HOURS	#	#	1	8	11	22	19	12	9	6	2	1	8

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	6	5	2	#	0	0	0	0	1	4	4	2
03-05 LST	5	5	7	2	#	0	0	0	0	1	4	3	2
06-08 LST	5	5	7	2	#	0	0	0	0	#	4	4	2
09-11 LST	6	6	7	4	#	0	0	0	0	1	4	5	3
12-14 LST	5	6	6	3	#	0	0	0	0	1	4	3	2
15-17 LST	5	8	8	3	0	0	0	0	0	1	3	5	3
18-20 LST	5	7	8	3	0	0	0	0	#	1	3	4	3
21-23 LST	5	5	7	2	#	#	0	0	0	2	3	4	2
ALL HOURS	5	6	7	3	#	#	0	0	#	1	4	4	2

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	7	6	7	4	3	4	4	3	9	7	9	6
03-05 LST	10	8	6	8	4	3	3	3	4	9	9	9	6
06-08 LST	9	9	5	5	4	3	2	3	3	8	8	8	6
09-11 LST	9	8	6	9	3	4	2	3	5	7	7	8	6
12-14 LST	13	11	10	10	6	4	2	4	5	7	7	12	8
15-17 LST ¹³	14	8	10	8	3	3	3	3	9	7	7	12	8
18-20 LST	8	6	7	8	6	2	3	4	4	7	6	8	6
21-23 LST	9	5	6	7	5	4	3	3	5	9	8	7	6
ALL HOURS	10	9	7	8	5	3	3	4	4	8	7	9	6

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, THREE HOURLY, JAN 73 - DEC 86
 2. NATIONAL INTELLIGENCE SURVEY, JULY 71, VARIED POR, 2-44 YRS
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	13	18	24	60	58	34	11	9	8	2	20
03-05 LST	3	5	13	19	26	64	62	36	12	10	7	3	22
06-08 LST	4	3	13	21	33	68	68	40	16	13	7	3	24
09-11 LST	5	5	13	23	28	65	61	37	17	12	9	4	23
12-14 LST	4	6	10	17	19	49	44	25	11	7	5	3	17
15-17 LST	4	6	10	17	15	39	36	26	10	8	5	4	15
18-20 LST	3	7	10	16	18	44	41	25	10	9	6	4	16
21-23 LST	4	4	12	19	23	55	49	30	9	9	6	3	19
ALL HOURS	4	5	12	19	23	55	52	32	12	10	7	3	19

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	12	17	24	59	56	32	10	8	7	2	19
03-05 LST	3	4	12	19	25	63	60	34	11	9	6	2	21
06-08 LST	3	3	13	20	32	66	66	38	15	12	6	3	23
09-11 LST	5	4	12	22	28	63	57	35	14	11	8	4	22
12-14 LST	4	5	9	16	17	46	40	21	9	6	5	3	15
15-17 LST	4	5	8	15	14	36	33	21	9	7	4	3	13
18-20 LST	3	7	10	15	16	42	40	22	9	9	5	3	15
21-23 LST	4	4	10	18	23	51	48	27	9	8	5	3	18
ALL HOURS	3	5	11	18	22	53	50	29	11	9	6	3	18

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	9	15	21	55	50	29	8	7	5	1	17
03-05 LST	2	3	10	17	23	59	58	30	8	8	5	2	19
06-08 LST	2	2	10	18	28	63	63	34	11	9	5	1	21
09-11 LST	3	2	10	19	24	58	53	28	10	9	6	2	19
12-14 LST	2	2	6	11	13	40	34	15	5	5	4	2	12
15-17 LST	3	3	7	12	11	31	27	14	6	6	4	2	10
18-20 LST	1	4	7	13	13	38	35	17	6	7	4	2	12
21-23 LST	2	3	7	16	21	48	45	23	6	7	5	2	15
ALL HOURS	2	3	8	15	19	49	46	24	7	7	5	2	16

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	7	12	19	50	46	24	4	6	4	1	15
03-05 LST	#	1	7	16	21	56	53	26	6	6	3	#	16
06-08 LST	1	1	6	17	22	55	54	24	6	7	2	1	16
09-11 LST	1	1	5	14	14	42	37	17	3	5	2	2	12
12-14 LST	#	1	3	6	8	26	21	9	2	1	2	#	7
15-17 LST	#	1	2	9	6	21	17	10	1	3	2	#	6
18-20 LST	1	3	5	9	8	31	25	12	3	5	3	1	9
21-23 LST	#	2	5	13	17	44	39	19	4	5	2	1	13
ALL HOURS	1	1	5	12	14	41	37	18	4	5	3	1	12

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: VOLOGDA, USSR

LOCATION: 5917N 3953E

PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 270370

ELEVATION (FEET): 387

PERIOD: 7301-8612

ICAO: N/A

LST = GMT +3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	36	36	48	68	80	82	86	86	76	62	44	38 86
MEAN DAILY MAX	1	16	18	31	44	59	65	70	65	54	41	31	21 43
MEAN	1	11	12	25	38	51	58	62	57	48	37	27	16 37
MEAN DAILY MIN	1	4	5	17	30	41	48	52	49	40	31	23	11 29
EXTREME MIN	1	-36	-32	-16	12	26	32	42	34	22	4	-12	-28 -36
# DAYS GE 90	1	0	0	0	0	0	0	0	0	0	0	0	0 0
# DAYS LE 32	1	31	28	28	20	5	1	0	0	5	16	26	30 190
# DAYS LE 0	1	13	10	4	0	0	0	0	0	0	0	1	7 35
2. PRECIPITATION (INCHES)													
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MEAN	2	0.1	0.1	0.2	0.4	0.8	1.9	4.7	4.1	1.9	0.4	0.3	0.2 14.7
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS GE 0.004	1	18	15	12	10	8	9	8	8	9	14	18	21 150
# DAYS GE 0.5		#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)													
MEAN		#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#
# DAYS SNOWFALL	1	17	14	9	4	1	0	0	0	0	5	12	20 82
# DAYS GE 1.5		#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (3 LST)	1	80	78	78	82	81	89	91	92	89	85	82	80 84
RH (15 LST)	1	79	73	64	56	47	56	58	61	66	73	78	81 66
VAPOR PRESS	1	.07	.07	.11	.16	.25	.36	.43	.39	.28	.19	.13	.09 .21
DEWPOINT	1	5	4	15	27	37	47	53	49	41	28	20	9 28
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCN	1	S	WSW	S	S	\$N	\$N	\$N	\$W	\$S	S	S	S \$S
MEAN SPEED													
(PVLG DRCN)	1	10	8	9	9	9	8	7	7	8	9	10	11 9
MEAN SPEED													
(ALL OBS)	1	8	7	7	7	7	7	5	6	7	8	8	8 7
MAX PEAK GUST		#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1650	1400	1200	1200	1050	1100	1150	1300	1250	1150	1550	1800 1800
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	6	6	6	5	5	5	6	6	7	7	7 6
DAYS TSTMS	1	#	#	#	1	4	5	7	5	1	#	#	# 24
DAYS FOG LT 7	1	10	10	12	10	8	8	14	14	13	13	12	9 133
DAYS BNBD LT 7	1	0	#	0	#	0	0	0	#	#	0	#	0 0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2. WORLD CLIMATIC DATA, 30 YEAR POR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	54	45	35	30	23	29	37	33	33	55	73	60	42
06-08 LST	52	44	41	38	30	30	38	49	53	59	68	62	47
09-11 LST	65	61	52	41	29	27	31	40	55	67	76	71	51
12-14 LST	57	46	43	33	22	29	28	40	46	63	77	64	46
15-17 LST	54	43	41	30	21	27	29	35	41	55	74	65	43
18-20 LST	49	41	38	27	20	22	19	24	30	53	65	57	37
21-23 LST	52	41	35	28	16	17	20	24	30	49	68	57	36
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	43	34	27	24	15	23	31	24	26	40	53	48	32
06-08 LST	43	35	33	29	21	24	34	41	42	44	52	52	38
09-11 LST	58	55	45	33	17	16	21	29	39	52	60	62	41
12-14 LST	51	42	32	20	8	11	8	14	24	41	55	57	30
15-17 LST	48	33	27	18	6	8	9	10	16	33	54	54	26
18-20 LST	41	31	28	18	8	10	7	9	14	33	46	47	24
21-23 LST	42	32	23	20	9	11	11	14	19	32	51	47	26
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	27	23	19	15	8	9	14	12	15	23	32	31	19
06-08 LST	24	21	21	17	8	11	12	19	23	27	33	34	21
09-11 LST	29	30	22	18	7	7	10	13	19	32	37	34	21
12-14 LST	23	16	14	9	3	5	3	5	7	23	29	31	14
15-17 LST	18	13	10	9	2	3	3	4	4	16	32	27	12
18-20 LST	21	16	14	6	3	3	2	2	4	18	28	29	12
21-23 LST	25	18	14	10	4	4	4	6	9	17	31	29	14
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	1	2	3	2	3	6	5	3	5	3	1	3
06-08 LST	1	3	3	4	2	2	3	7	9	4	3	1	3
09-11 LST	2	2	4	3	1	#	#	1	4	5	3	2	2
12-14 LST	1	1	1	1	0	#	0	0	1	1	2	1	1
15-17 LST	1	#	1	#	#	#	#	#	0	#	1	1	0
18-20 LST	1	1	1	#	#	1	#	0	0	2	1	1	1
21-23 LST	1	1	1	1	1	#	1	2	2	3	1	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: VOLOGDA, USSR
LOCATION: 5917N 3953E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 270370
ELEVATION (FEET): 387
PERIOD: 7301-8612

ICAO: N/A
LST = GMT +3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	#	#	#	1	0	1	1	0	0	0	#
06-08 LST	#	1	0	#	0	#	#	1	0	#	0	0	#
09-11 LST	0	0	#	0	#	0	#	0	0	0	0	0	#
12-14 LST	0	0	0	0	0	#	1	1	0	0	0	0	#
15-17 LST	0	0	0	#	0	4	5	2	#	0	0	#	1
18-20 LST	0	0	0	#	1	3	5	3	0	0	#	#	1
21-23 LST	#	#	0	0	2	1	1	1	#	#	0	#	0
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	2	4	7	11	8	8	9	13	12	12	4	8
06-08 LST	2	3	4	7	7	11	9	9	13	16	11	4	8
09-11 LST	2	2	5	8	8	11	10	9	14	15	10	4	8
12-14 LST	2	1	4	8	7	14	9	9	13	10	10	4	8
15-17 LST	2	2	5	12	9	14	13	10	16	15	13	5	10
18-20 LST	2	2	7	11	10	12	11	14	14	17	13	3	10
21-23 LST	1	2	4	12	10	10	9	11	14	16	13	3	9
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	44	36	21	9	1	0	#	0	1	12	29	48	17
06-08 LST	47	40	25	12	2	0	0	0	1	14	30	52	19
09-11 LST	43	45	29	12	3	#	0	0	#	15	29	46	19
12-14 LST	46	33	21	8	1	1	0	0	1	10	35	51	17
15-17 LST	39	31	18	7	#	0	0	0	1	11	30	47	15
18-20 LST	41	33	20	9	1	0	0	0	1	9	31	43	16
21-23 LST	41	35	20	10	1	0	0	0	1	9	32	48	16
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
02-04 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	0	#	#	#	#	0	0	#	#	#	#	#
06-08 LST	0	#	#	#	0	0	0	#	0	1	#	#	#
09-11 LST	#	0	#	1	#	0	0	0	#	1	#	#	#
12-14 LST	1	0	#	1	1	1	1	0	#	0	#	0	#
15-17 LST	1	1	#	#	1	1	#	#	0	0	#	0	#
18-20 LST	1	#	0	0	#	1	0	0	#	#	#	#	#
21-23 LST	#	#	0	#	#	0	0	0	#	#	1	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	23	19	16	13	8	8	13	12	13	18	27	24	16
06-08 LST	19	19	19	15	8	7	10	18	21	22	24	26	17
09-11 LST	23	24	19	15	4	4	7	10	16	25	28	26	17
12-14 LST	19	13	12	8	1	3	2	2	4	16	23	24	11
15-17 LST	15	11	7	7	1	2	2	2	2	11	22	20	8
18-20 LST	18	13	12	5	2	2	1	2	3	14	21	24	10
21-23 LST	21	15	12	9	3	3	3	5	8	14	25	23	12
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	9	8	9	4	6	10	7	9	12	12	11	9
06-08 LST	11	10	14	13	4	4	7	15	17	11	12	13	11
09-11 LST	15	14	14	10	2	2	3	5	11	17	16	16	10
12-14 LST	13	10	8	6	1	1	#	2	2	10	13	16	7
15-17 LST	11	8	4	4	#	#	#	#	1	6	12	11	5
18-20 LST	10	9	9	4	1	1	1	1	1	7	11	15	6
21-23 LST	11	8	7	5	2	1	2	3	4	7	13	10	6
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	4	3	3	5	2	4	8	6	7	7	5	5	5
06-08 LST	4	4	7	9	2	2	4	10	12	6	5	4	6
09-11 LST	6	5	7	4	1	#	1	1	6	10	8	7	5
12-14 LST	4	2	2	3	0	#	0	#	1	2	4	6	2
15-17 LST	5	1	2	3	#	#	#	#	#	2	5	5	2
18-20 LST	3	2	3	1	#	1	#	#	#	2	4	5	2
21-23 LST	3	2	2	2	1	1	1	3	3	4	5	3	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	1	1	2	1	1	2	2	2	3	1	#	1
06-08 LST	1	2	2	3	1	2	2	4	6	1	1	#	2
09-11 LST	1	2	1	1	#	#	#	1	3	3	1	1	1
12-14 LST	1	#	0	1	0	#	0	0	#	1	1	#	#
15-17 LST	#	#	#	#	#	#	#	0	0	#	1	#	#
18-20 LST	1	1	#	#	#	#	0	0	0	1	1	1	#
21-23 LST	1	#	#	#	0	#	1	1	1	2	1	#	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

STATION: VOLGOGRAD, RS
 LOCATION: 4841N 4422E
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 345600
 ELEVATION (FEET): 476
 PERIOD: 7301-8612

ICAO: URWW
 LST = GMT + 4

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	46	62	77	88	94	100	108	108	92	75	58	108
MEAN DAILY MAX	1	23	23	34	58	71	77	81	79	68	51	37	53
MEAN	1	18	17	29	49	62	69	72	70	59	44	33	46
MEAN DAILY MIN	1	12	11	22	40	52	58	62	60	50	36	28	38
EXTREME MIN	1	-17	-26	-9	23	30	32	44	32	27	14	0	-26
# DAYS GE 90	1	0	0	0	0	0	3	5	4	0	0	0	12
# DAYS LE 32	1	30	27	27	5	0	0	0	1	9	21	28	148
# DAYS LE 0	1	7	6	2	0	0	0	0	0	0	0	2	17
2. PRECIPITATION (INCHES)													
MAXIMUM	2	2.2	1.5	1.6	0.8	2.7	3.2	1.5	2.4	1.9	1.0	3.1	15.6
MEAN	2	1.3	1.0	1.1	0.7	1.6	1.3	0.9	1.2	0.6	0.6	1.7	13.6
MINIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	2	0.8	1.0	0.8	0.7	1.3	3.2	1.2	2.0	1.2	0.8	1.1	3.2
# DAYS GE 0.004	1	11	10	7	5	4	4	5	3	4	5	9	79
# DAYS GE 0.5		0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN		0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM		0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR		0	0	0	0	0	0	0	0	0	0	0	0
# DAYS SNOWFALL	1	8	6	4	0	0	0	0	0	1	3	7	29
# DAYS GE 1.5		0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (07 LST)	1	87	86	89	80	69	70	71	77	85	90	90	80
RH (16 LST)	1	84	79	75	49	41	39	39	38	44	59	80	59
VAPOR PRESS	1	.10	.10	.14	.23	.30	.37	.43	.39	.31	.22	.17	.24
DEWPOINT	1	14	13	24	36	43	49	54	51	45	35	29	35
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCN	1	\$W	E	E	E	\$E	\$W	\$W	\$E	\$W	\$W	E	\$E
MEAN SPEED													
(PVLG DRCN)	1	15	15	14	14	13	12	13	13	15	15	14	14
MEAN SPEED													
(ALL OBS)	1	12	13	11	12	10	10	10	9	10	11	11	11
MAX PEAK GUST		0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	1300	1200	1200	1300	900	850	850	850	800	800	1200	1300
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (ENBD)													
CLD COVER	1	6	5	5	5	4	4	4	3	4	5	6	5
DAYS TSMS	1	0	0	0	1	3	5	6	3	2	0	0	20
DAYS FOG LT 7	1	19	17	20	8	3	2	2	1	4	10	20	127
DAYS ENBD LT 7	1	0	0	0	0	0	0	0	0	0	0	0	2

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRQTN
 # = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, PERIOD OF RECORD 7-20 YRS

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	61	52	48	15	5	3	2	3	9	26	62	71	30
03-05 LST	62	54	53	21	9	3	5	5	8	29	64	73	32
06-08 LST	63	63	60	28	11	9	5	6	13	37	68	73	36
09-11 LST	64	65	56	24	13	8	7	7	14	39	73	75	37
12-14 LST	61	51	48	27	11	9	6	6	13	36	67	72	34
15-17 LST	57	48	46	21	10	7	3	3	9	28	63	71	30
18-20 LST	58	50	44	16	5	3	2	3	10	23	61	70	29
21-23 LST	58	48	46	13	4	2	2	4	7	23	58	70	28
ALL HOURS	61	54	50	21	8	6	4	5	10	30	65	72	32

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	56	47	42	11	4	3	2	3	6	17	55	62	26
03-05 LST	57	48	47	17	7	3	3	4	6	21	57	65	28
06-08 LST	60	57	54	24	9	8	5	5	11	28	58	64	32
09-11 LST	58	62	51	21	8	7	4	5	12	32	66	69	33
12-14 LST	55	48	40	18	4	4	2	2	4	22	59	66	27
15-17 LST	51	40	32	12	3	2	1	2	4	13	49	63	23
18-20 LST	51	44	33	10	2	1	2	2	5	13	48	62	23
21-23 LST	53	40	39	9	4	2	1	3	3	14	49	61	23
ALL HOURS	55	48	42	15	5	4	2	3	7	20	55	64	27

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	47	38	34	9	4	3	1	2	5	13	44	55	21
03-05 LST	49	40	40	13	6	2	2	3	6	14	50	57	24
06-08 LST	51	49	46	19	6	6	4	4	8	21	50	56	27
09-11 LST	52	52	45	17	6	5	2	3	8	24	60	60	28
12-14 LST	46	38	31	12	2	2	1	1	3	13	48	56	21
15-17 LST	40	31	22	7	2	1	1	1	2	8	39	55	18
18-20 LST	46	33	24	7	2	1	1	1	4	10	41	53	18
21-23 LST	45	34	31	6	3	1	1	3	2	10	41	52	19
ALL HOURS	47	39	34	11	4	3	2	2	5	14	47	56	22

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	13	13	3	#	#	#	#	1	4	18	26	8
03-05 LST	18	15	18	5	1	#	#	#	1	6	19	26	9
06-08 LST	20	18	21	6	1	1	0	1	2	5	25	25	10
09-11 LST	17	17	15	5	0	0	#	#	2	5	26	27	10
12-14 LST	14	9	6	2	#	#	0	0	0	2	19	20	6
15-17 LST	12	8	4	1	#	0	0	#	#	1	13	20	5
18-20 LST	11	10	6	2	#	0	0	#	#	2	13	20	5
21-23 LST	15	12	8	2	1	0	#	0	#	3	15	22	7
ALL HOURS	16	13	11	3	#	#	#	#	1	4	18	23	8

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: VOLOGRAD
LOCATION: 4841N 4422E
PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 345600
ELEVATION (FEET): 476
PERIOD: 7301-8612

ICAO:
LST = GMT + 4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	1	#	1	#	0	0	0	#
03-05 LST	#	#	0	0	0	1	2	1	0	0	0	0	#
06-08 LST	0	#	#	0	#	1	1	1	0	0	#	0	#
09-11 LST	0	#	0	0	#	#	1	0	1	0	#	0	#
12-14 LST	0	0	0	0	0	1	2	#	1	0	0	0	#
15-17 LST	0	#	0	#	2	2	2	1	1	0	0	0	1
18-20 LST	#	0	0	0	#	3	2	1	1	0	#	0	1
21-23 LST	0	0	0	1	#	2	1	1	#	0	0	0	1
ALL HOURS	#	#	#	#	1	1	1	1	1	0	#	0	#

2. % FREQ RAIN AND/OR DRIZZLE: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	5	4	7	3	5	4	3	5	6	11	9	6
03-05 LST	5	5	5	6	5	5	7	4	3	4	10	9	6
06-08 LST	6	6	5	8	5	4	4	5	5	8	10	8	6
09-11 LST	5	5	4	9	4	5	5	4	6	4	10	8	6
12-14 LST	5	4	4	8	5	4	5	3	4	6	9	8	5
15-17 LST	5	3	3	6	7	5	4	2	6	6	10	9	6
18-20 LST	5	3	4	6	5	6	5	3	6	6	13	7	6
21-23 LST	5	4	3	7	4	5	6	4	6	6	13	9	6
ALL HOURS	5	4	4	7	5	5	5	3	5	6	11	8	6

3. % FREQ SNOW AND/OR ICE PELLETS: (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	17	6	1	0	0	0	0	0	1	4	11	5
03-05 LST	18	21	6	#	0	0	0	0	0	1	6	14	5
06-08 LST	20	21	6	#	0	0	0	0	0	1	4	14	6
09-11 LST	22	22	10	2	0	0	0	0	0	2	8	16	7
12-14 LST	20	13	8	1	0	0	0	0	#	2	6	15	5
15-17 LST	14	10	6	1	0	#	0	0	0	1	5	14	4
18-20 LST	11	13	6	0	0	#	0	0	0	1	5	13	4
21-23 LST	16	15	6	0	#	0	0	0	0	1	4	11	5
ALL HOURS	17	16	7	1	#	#	0	0	#	1	5	14	5

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS): (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	4	2	3	2	1	1	1	2	3	4	5	3
03-05 LST	5	4	4	3	1	#	1	#	1	1	3	3	2
06-08 LST	4	4	2	2	1	1	0	#	2	2	3	3	2
09-11 LST	6	5	3	6	2	1	1	1	2	3	2	3	3
12-14 LST	8	5	4	11	4	4	3	3	6	9	5	4	6
15-17 LST	8	4	6	12	6	3	5	3	6	7	4	4	6
18-20 LST	6	4	5	5	2	2	1	1	2	3	2	4	3
21-23 LST	6	6	4	2	1	1	1	1	1	3	4	6	3
ALL HOURS	6	5	4	6	2	2	2	1	3	4	3	4	3

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 * = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, THREE HOURLY

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	43	35	33	8	3	2	1	2	4	11	39	51	19
03-05 LST	47	38	38	13	5	2	1	3	5	11	46	53	22
06-08 LST	48	48	44	19	6	6	3	4	7	18	48	53	25
09-11 LST	50	50	44	15	4	3	2	3	6	22	57	57	26
12-14 LST	43	35	29	11	1	2	0	1	2	11	43	52	19
15-17 LST	38	28	19	6	2	1	#	1	2	7	35	51	16
18-20 LST	41	30	22	5	1	1	1	1	3	9	37	48	17
21-23 LST	42	32	29	5	2	1	1	2	2	10	38	49	18
ALL HOURS	44	37	32	10	3	2	1	2	4	12	43	52	20

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	26	24	6	2	1	1	#	2	9	31	41	15
03-05 LST	35	26	31	9	3	1	1	3	3	10	36	43	17
06-08 LST	39	35	35	15	4	3	1	3	5	13	40	46	20
09-11 LST	40	39	33	12	2	#	1	1	4	15	46	45	20
12-14 LST	31	25	19	7	#	1	#	#	1	5	31	41	14
15-17 LST	28	20	13	2	1	1	#	1	1	5	25	38	11
18-20 LST	28	21	17	4	#	#	#	1	1	6	27	38	12
21-23 LST	31	23	21	4	1	0	1	1	1	6	28	39	13
ALL HOURS	33	27	24	7	2	1	1	1	2	9	33	41	15

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	21	20	4	1	1	1	#	2	7	24	34	12
03-05 LST	26	19	26	6	1	#	#	2	1	7	27	34	13
06-08 LST	30	26	29	11	2	1	1	2	3	8	32	37	15
09-11 LST	31	30	25	8	#	0	#	#	3	10	34	37	15
12-14 LST	21	15	12	4	#	#	#	#	#	3	25	31	9
15-17 LST	18	13	8	1	#	1	#	1	1	4	20	27	8
18-20 LST	19	16	11	3	#	0	#	1	1	5	19	28	9
21-23 LST	21	17	15	2	1	#	1	#	1	4	20	29	9
ALL HOURS	24	19	18	5	1	#	1	1	2	6	25	32	11

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	9	8	2	0	#	#	#	#	2	10	17	5
03-05 LST	13	9	13	3	1	0	0	#	0	4	11	17	6
06-08 LST	12	10	15	5	1	#	0	1	1	4	16	18	7
09-11 LST	9	10	11	3	0	0	#	0	1	3	19	17	6
12-14 LST	8	4	3	1	#	0	0	0	0	1	10	12	3
15-17 LST	8	5	2	#	#	0	0	#	0	#	8	10	3
18-20 LST	8	7	4	1	0	0	0	#	#	1	7	12	3
21-23 LST	9	7	6	1	#	0	#	0	#	2	8	14	4
ALL HOURS	10	8	8	2	#	#	#	#	#	2	11	15	5

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: VORKUTA, RUSSIA
 LOCATION: 6729N 6402E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 232260
 ELEVATION (FEET): 591
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	2	33	32	38	50	62	84	88	86	72	58	49	35 88
MEAN DAILY MAX	1	1	2	13	20	31	49	62	55	45	27	14	7 27
MEAN	1	-5	-4	7	14	27	44	56	49	40	23	9	2 22
MEAN DAILY MIN	1	-10	-10	0	5	21	36	46	41	34	17	3	-4 15
EXTREME MIN	1	-52	-53	-41	-34	-13	20	30	26	16	-18	-47	-59 -59
# DAYS GE 90	1	0	0	0	#	0	0	#	#	0	0	0	0 0
# DAYS LE 32	1	31	28	31	30	28	12	1	2	13	28	30	31 264
# DAYS LE 0	1	22	20	16	12	1	#	0	0	0	3	13	18 105
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004		24	22	25	22	24	19	16	19	21	27	26	27 272
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	23	21	23	20	19	7	#	1	6	22	25	26 193
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (4 LST)	1	81	81	83	83	85	84	87	91	92	88	85	82 85
RH (16 LST)	1	81	81	81	78	76	63	58	66	73	83	85	83 76
VAPOR PRESS	1	.04	.04	.06	.08	.13	.22	.32	.29	.22	.12	.07	.05 .14
DEWPOINT	1	-8	-8	3	9	22	35	45	42	35	19	6	-1 17
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	S	S	S	S	N	N	NNE	N	S	S	S	S S
MEAN SPEED													
(PVLG DRCTN)	1	13	12	13	12	11	10	9	10	11	11	12	13 11
MEAN SPEED													
(ALL OBS)	1	12	11	12	11	11	10	9	9	10	11	11	12 11
MAX PEAK GUST	1	43	70	47	37	45	35	35	35	35	37	51	52 70
PRESSURE ALT	1	1900	1940	1900	1680	1720	1470	1500	1500	1850	1800	1830	1850 1940
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	6	6	6	7	6	6	6	7	7	7	6 6
DAYS TSTMS	1	#	#	#	#	#	1	3	1	#	#	#	# 8
DAYS FOG LT 7	1	6	5	7	7	8	6	6	10	9	9	6	4 82
DAYS BNBD LT 7	1	#	#	#	0	#	#	#	#	#	#	#	# 2
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

(VORKUTA, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 62, VARIED YEARS OF RECORD

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	65	60	54	39	57	42	33	41	51	61	67	64	53
03-05 LST	66	59	56	45	58	48	35	54	53	62	67	65	56
06-08 LST	63	60	59	46	56	51	39	58	60	62	68	63	57
09-11 LST	65	61	51	44	58	49	38	55	56	60	67	64	56
12-14 LST	64	55	44	38	62	46	34	46	55	57	64	67	53
15-17 LST	66	54	41	32	58	40	31	41	47	57	65	63	50
18-20 LST	64	57	47	33	54	38	29	34	43	57	64	62	48
21-23 LST	63	63	53	37	54	39	28	37	44	60	67	67	51
ALL HOURS	64	59	51	39	57	44	33	46	51	60	66	64	53

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	60	55	48	33	47	33	26	32	39	52	59	59	45
03-05 LST	61	55	49	41	48	41	29	44	44	52	61	60	49
06-08 LST	58	57	55	43	48	41	32	47	51	51	62	59	50
09-11 LST	62	59	48	42	47	32	24	36	43	51	64	60	47
12-14 LST	62	54	42	35	47	24	16	23	31	48	59	63	42
15-17 LST	63	52	38	27	43	21	13	16	23	47	59	56	38
18-20 LST	61	53	43	29	39	21	13	20	26	47	56	56	39
21-23 LST	59	58	47	33	42	27	19	25	33	53	60	59	43
ALL HOURS	61	56	46	35	45	30	22	31	36	50	60	59	44

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	42	42	33	24	33	25	21	28	32	40	46	44	34
03-05 LST	43	40	38	28	33	31	26	38	37	41	46	44	37
06-08 LST	43	42	38	32	33	30	26	42	43	42	46	45	39
09-11 LST	48	47	35	27	29	21	16	25	30	39	50	46	34
12-14 LST	45	41	32	23	27	13	10	12	17	35	47	49	29
15-17 LST	47	38	29	19	26	12	8	8	13	34	46	41	27
18-20 LST	44	39	29	21	25	12	9	11	16	35	40	42	27
21-23 LST	43	41	31	23	31	18	14	19	25	41	44	46	31
ALL HOURS	44	41	33	25	30	20	16	23	26	38	46	45	32

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	5	4	6	5	5	7	6	8	6	8	6
03-05 LST	11	9	6	7	8	5	8	13	11	9	7	8	8
06-08 LST	10	8	6	6	5	3	3	7	13	8	6	8	7
09-11 LST	13	10	5	3	3	1	#	1	4	7	6	9	5
12-14 LST	12	8	4	3	2	1	0	0	1	3	6	7	4
15-17 LST	12	8	4	2	3	1	1	0	1	4	6	6	4
18-20 LST	12	8	4	3	4	2	1	#	2	6	4	6	4
21-23 LST	11	9	3	3	4	3	2	2	4	6	7	7	5
ALL HOURS	11	8	5	4	4	2	2	4	5	7	6	7	6

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: VORKUTA, RUSSIA
 LOCATION: 6729N 6402E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 232260
 ELEVATION (FEET): 591
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	0	0	#	1	0	#	#	0	0	#
03-05 LST	0	#	#	#	0	#	1	#	0	0	#	0	#
06-08 LST	0	0	#	0	0	0	0	#	0	#	#	#	#
09-11 LST	#	0	#	#	0	0	0	0	0	0	0	#	#
12-14 LST	0	0	0	0	0	1	1	1	#	0	0	0	#
15-17 LST	0	0	#	#	0	1	#	1	#	0	0	0	#
18-20 LST	#	0	0	0	#	#	2	#	0	#	0	0	#
21-23 LST	0	#	0	0	0	1	1	#	0	#	#	0	#
ALL HOURS	#	#	#	#	#	#	1	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	3	4	10	15	16	15	5	2	1	6
03-05 LST	#	#	#	2	4	12	15	17	16	5	1	#	6
06-08 LST	#	#	0	2	5	11	16	22	16	4	2	1	7
09-11 LST	#	#	#	2	5	14	14	21	17	6	2	1	7
12-14 LST	1	#	#	#	4	13	12	14	19	6	1	#	6
15-17 LST	1	1	#	1	5	12	14	17	18	8	1	1	7
18-20 LST	#	0	#	2	6	9	14	17	18	7	1	#	6
21-23 LST	#	0	1	1	5	12	14	16	18	6	2	#	6
ALL HOURS	#	#	#	2	5	12	14	18	17	6	1	#	6

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	51	49	47	34	30	9	0	1	6	41	57	59	32
03-05 LST	53	50	46	33	33	13	#	1	7	39	55	61	32
06-08 LST	54	52	45	34	34	14	#	1	8	36	59	57	33
09-11 LST	44	46	40	29	34	11	0	1	6	41	53	51	30
12-14 LST	41	43	39	29	36	9	0	#	5	40	53	53	29
15-17 LST	44	40	36	28	32	7	0	#	5	35	50	54	28
18-20 LST	49	44	41	28	30	8	#	0	5	35	52	56	29
21-23 LST	52	50	44	33	30	6	0	1	5	38	53	59	31
ALL HOURS	49	47	42	31	32	10	#	1	6	38	54	56	30

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	8	6	3	1	1	#	#	#	3	4	7	3
03-05 LST	6	8	6	3	2	1	#	1	1	3	4	8	4
06-08 LST	6	7	6	3	2	1	#	#	1	3	4	8	3
09-11 LST	6	6	6	4	2	2	0	#	1	3	5	7	4
12-14 LST	7	6	8	5	3	2	#	1	2	3	5	8	4
15-17 LST	8	7	5	4	3	2	#	1	2	2	5	8	4
18-20 LST	7	7	7	5	2	1	#	#	1	2	4	7	4
21-23 LST	8	7	6	5	2	#	0	#	1	3	4	9	4
ALL HOURS	7	7	6	4	2	1	#	#	1	3	4	8	4

(VORKUTA, RUSSIA)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
C - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	39	29	21	26	20	20	27	29	37	41	40	31
03-05 LST	40	38	33	24	28	26	24	36	34	38	42	39	34
06-08 LST	40	39	34	29	28	24	23	39	40	38	41	41	35
09-11 LST	45	46	32	22	22	15	12	19	25	33	45	43	30
12-14 LST	44	39	28	19	20	9	5	9	13	30	40	47	25
15-17 LST	45	36	26	16	19	9	5	6	10	30	41	37	23
18-20 LST	42	36	26	17	19	10	6	8	13	31	36	36	23
21-23 LST	39	38	27	20	25	15	11	17	21	37	40	41	27
ALL HOURS	42	39	30	21	23	16	13	20	23	34	41	41	29

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	29	16	13	16	11	14	19	19	25	24	25	20
03-05 LST	28	24	21	16	19	16	15	27	25	27	24	24	22
06-08 LST	27	25	23	18	17	14	14	23	28	24	26	25	22
09-11 LST	32	28	19	11	12	6	5	8	14	24	26	27	18
12-14 LST	32	24	15	11	8	4	2	3	5	17	25	28	15
15-17 LST	31	25	16	9	9	3	2	2	4	17	22	25	14
18-20 LST	29	27	16	11	12	5	2	3	6	18	21	24	15
21-23 LST	27	27	15	13	13	7	5	9	12	22	24	26	17
ALL HOURS	29	26	18	13	13	8	7	12	14	22	24	26	18

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	15	9	7	9	7	8	10	10	14	12	16	11
03-05 LST	18	17	13	10	12	9	11	19	17	14	11	15	14
06-08 LST	18	14	11	9	8	7	7	12	17	14	13	14	12
09-11 LST	23	19	11	7	6	2	1	2	7	15	16	16	10
12-14 LST	22	16	9	7	4	2	1	1	3	9	15	19	9
15-17 LST	21	15	9	5	4	2	1	#	2	10	13	16	8
18-20 LST	20	15	7	7	7	2	1	1	3	10	11	14	8
21-23 LST	20	17	8	7	9	4	3	4	6	13	13	17	10
ALL HOURS	20	16	9	8	7	4	4	6	8	12	13	16	10

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	2	3	3	2	3	5	4	4	3	4	3
03-05 LST	5	5	4	4	5	3	5	8	6	4	2	3	4
06-08 LST	5	4	2	3	4	1	2	4	7	5	2	3	4
09-11 LST	6	6	3	1	1	1	0	#	2	3	4	4	3
12-14 LST	6	4	2	2	1	#	0	0	1	1	4	3	2
15-17 LST	7	4	3	2	2	1	#	0	#	3	3	3	2
18-20 LST	5	4	2	2	2	1	#	0	1	3	2	3	2
21-23 LST	5	3	1	1	3	2	1	1	3	3	4	4	3
ALL HOURS	5	4	2	2	3	1	1	2	3	3	3	3	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YAKUTSK, RUSSIA
 LOCATION: 6205N 12946E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 249590
 ELEVATION (FEET): 338
 PERIOD: 7301-8912

ICAO: UEEE
 LST = GMT +9

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	04	16	42	68	80	90	98	95	76	59	36	10	98
MEAN DAILY MAX	1	-35	-23	4	31	53	68	74	68	50	21	-14	-29	22
MEAN	1	-39	-30	-6	22	45	60	65	58	42	15	-20	-35	15
MEAN DAILY MIN	1	-42	-37	-17	11	35	49	54	48	33	7	-26	-37	7
EXTREME MIN	1	-60	-59	-46	-28	12	26	32	28	7	-43	-53	-60	-60
# DAYS GE 90	1	0	#	0	0	#	#	1	#	0	0	0	#	2
# DAYS LE 32	1	31	28	31	29	11	#	#	1	14	30	30	30	236
# DAYS LE 0	1	31	28	28	8	0	0	0	0	0	10	29	30	164
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	0.2	0.2	0.1	0.2	0.5	1.1	1.3	1.6	0.9	0.5	0.4	.3	7.4
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	0.3	0.4	0.2	0.5	0.6	1.4	1.9	1.4	0.9	0.4	0.2	.3	1.9
# DAYS GE 0.004	1	19	14	11	8	9	11	9	11	10	20	21	19	162
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	19	14	10	7	2	#	0	0	3	17	21	19	112
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (3 LST)	1	73	75	77	74	73	79	80	85	83	84	77	74	78
RH (15 LST)	1	73	73	65	51	41	45	45	50	54	69	75	74	51
VAPOR PRESS	1	.00	.01	.03	.09	.17	.31	.39	.34	.20	.08	.02	.01	.14
DEWPOINT	1	-44	-34	-12	11	29	44	50	47	33	9	-24	-39	6
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCIN	1	\$NNW	\$NNW	\$NNW	NNW	WNW	WNW	WNW	WNW	WNW	W	\$NNW	\$NNW	\$W
MEAN SPEED														
(PVLG DRCIN)	1	4	5	5	6	8	7	6	7	7	6	4	4	6
MEAN SPEED														
(ALL OBS)	1	3	3	4	6	6	6	6	6	6	5	4	3	5
MAX PEAK GUST	1	0	0	0	19	31	0	0	0	0	21	21	0	31
PRESSURE ALT	1	980	910	910	1340	1250	1300	1100	1150	1230	1300	1250	1100	1340
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (ENBD)														
CLD COVER	1	6	6	5	5	6	5	5	5	5	6	6	7	6
DAYS TSIMS	1	#	#	#	0	#	4	3	2	#	0	#	#	11
DAYS FOG LT 7	1	27	22	16	2	1	1	1	2	4	6	16	24	121
DAYS ENBD LT 7	1	0	0	#	0	#	#	#	0	0	#	#	0	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(YAKUTSK, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCIN
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 89, THREE HOURLY.
2. NATIONAL INTELLIGENCE SURVEY, JUL 71, 35 YEARS OF RECORD.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	82	64	22	13	12	10	8	11	17	25	43	70	31
03-05 LST	80	65	23	12	10	10	10	14	21	33	40	67	32
06-08 LST	80	68	28	8	12	12	11	19	25	36	45	68	34
09-11 LST	82	73	38	10	13	14	12	21	27	38	51	72	38
12-14 LST	83	68	26	7	13	11	11	19	22	38	45	73	35
15-17 LST	80	55	14	8	8	11	9	14	19	30	39	74	30
18-20 LST	83	60	14	7	7	8	8	13	15	28	43	72	30
21-23 LST	82	65	25	10	7	10	7	12	13	27	43	72	31
ALL HOURS	82	65	24	9	10	11	9	15	20	32	44	71	33

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	82	63	21	10	8	4	3	6	9	14	41	69	27
03-05 LST	79	64	21	8	5	6	6	8	13	20	37	66	28
06-08 LST	79	67	26	5	8	5	6	13	16	23	41	67	30
09-11 LST	82	72	37	8	7	5	5	13	18	25	48	70	33
12-14 LST	82	68	25	4	3	4	5	8	9	21	43	73	29
15-17 LST	80	55	13	4	3	3	2	7	5	15	38	74	25
18-20 LST	82	60	13	4	3	2	3	5	5	13	41	72	25
21-23 LST	81	64	24	7	3	2	4	6	6	14	40	72	27
ALL HOURS	81	64	23	6	5	4	4	8	10	18	41	70	28

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	67	49	5	3	1	1	1	3	4	5	24	54	18
03-05 LST	62	53	7	2	2	3	3	4	6	10	23	49	19
06-08 LST	62	55	11	3	4	3	3	9	10	11	24	50	20
09-11 LST	69	66	26	5	4	3	3	8	13	15	34	58	25
12-14 LST	72	58	11	1	1	1	2	4	5	10	31	64	22
15-17 LST	70	40	3	3	2	1	1	3	2	8	23	63	18
18-20 LST	68	43	4	3	2	1	2	3	2	6	24	58	18
21-23 LST	67	48	5	2	2	1	2	3	2	4	25	54	18
ALL HOURS	67	51	9	3	2	2	2	5	6	9	26	56	20

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	33	20	#	1	0	1	0	#	1	2	6	26	7
03-05 LST	28	20	1	#	1	#	1	0	2	3	6	23	7
06-08 LST	28	23	2	1	#	#	1	2	3	3	6	22	8
09-11 LST	42	47	6	1	#	#	#	1	3	3	16	31	13
12-14 LST	47	31	1	0	#	#	1	0	1	1	11	37	11
15-17 LST	41	18	#	#	1	#	0	#	#	1	7	33	8
18-20 LST	38	18	1	1	#	0	#	#	#	#	8	30	8
21-23 LST	37	20	#	0	1	1	#	#	#	#	8	28	8
ALL HOURS	37	24	1	#	#	#	#	1	1	2	8	29	9

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YAKUTSK, RUSSIA
 LOCATION: 6205N 12946E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 249590
 ELEVATION (FEET): 338
 PERIOD: 7301-8912

ICAO: UEEE
 LST = GMT +9

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	0	0	1	1	#	0	0	0	#	#
03-05 LST	#	#	0	0	0	#	#	#	#	0	0	0	#
06-08 LST	0	0	0	0	0	0	#	#	#	0	1	0	#
09-11 LST	0	0	#	0	0	#	#	0	0	0	#	#	#
12-14 LST	0	#	0	0	0	1	#	0	#	0	0	0	#
15-17 LST	0	0	0	0	0	2	2	1	0	0	0	0	#
18-20 LST	0	#	#	0	#	2	2	1	#	0	0	#	#
21-23 LST	0	0	0	0	0	2	1	1	0	0	0	0	#
ALL HOURS	#	#	#	0	#	1	1	#	#	0	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	1	4	5	6	8	8	1	0	0	3
03-05 LST	#	#	0	#	3	7	5	6	9	1	0	0	3
06-08 LST	0	#	0	#	4	7	5	7	7	1	0	0	3
09-11 LST	0	0	0	#	3	7	5	6	5	1	0	0	2
12-14 LST	#	0	0	#	4	7	4	7	4	1	0	0	2
15-17 LST	0	0	0	1	3	8	7	7	6	1	0	#	3
18-20 LST	#	#	0	1	3	6	4	7	7	2	0	#	3
21-23 LST	0	0	0	#	3	6	4	6	8	1	0	#	2
ALL HOURS	#	#	0	#	3	7	5	7	7	1	0	#	3

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	31	25	13	8	1	0	0	0	3	22	38	33	14
03-05 LST	31	23	13	7	2	#	0	0	3	23	37	34	15
06-08 LST	33	28	16	6	4	0	0	0	2	27	37	34	16
09-11 LST	29	24	16	8	3	#	0	0	4	23	29	28	14
12-14 LST	24	23	10	7	3	0	0	0	2	26	31	33	13
15-17 LST	26	20	9	7	2	#	0	0	2	24	29	28	12
18-20 LST	24	19	10	6	2	0	0	0	2	22	34	28	12
21-23 LST	28	21	12	6	1	0	0	0	2	22	38	33	14
ALL HOURS	28	23	12	7	2	#	0	0	2	24	34	31	14

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	#	#	#	0	#	#	#	#	0	#
03-05 LST	0	0	0	0	#	0	0	0	0	0	0	#	#
06-08 LST	#	0	0	0	0	0	0	#	0	0	0	0	#
09-11 LST	0	0	#	#	#	#	0	0	#	#	#	0	#
12-14 LST	0	#	#	0	#	#	0	0	0	0	0	#	#
15-17 LST	0	0	#	#	1	0	0	#	#	#	0	0	#
18-20 LST	#	0	0	#	1	0	#	0	0	0	0	#	#
21-23 LST	0	0	0	#	0	0	#	0	#	0	1	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

(YAKUTSK, RUSSIA)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
= BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 89, THREE HOURLY.
2. NATIONAL INTELLIGENCE SURVEY, JUL 71, 35 YEARS OF RECORD.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	67	49	5	3	1	1	1	2	3	5	24	54	18
03-05 LST	62	53	7	2	2	2	3	4	5	9	23	49	18
06-08 LST	62	54	11	3	4	2	3	8	9	10	24	50	20
09-11 LST	69	66	26	5	3	3	3	7	11	14	34	58	25
12-14 LST	71	58	11	1	1	#	2	3	4	9	30	64	21
15-17 LST	70	40	3	2	2	1	1	3	2	8	23	63	18
18-20 LST	67	43	4	3	2	1	1	2	2	5	23	58	18
21-23 LST	67	48	5	2	1	1	2	3	2	4	25	54	18
ALL HOURS	67	51	9	3	2	1	2	4	5	8	26	56	19

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	63	44	3	2	#	1	#	1	2	3	21	50	16
03-05 LST	58	47	6	2	1	1	2	1	5	7	20	44	16
06-08 LST	57	50	9	3	3	1	2	6	7	7	21	45	17
09-11 LST	65	62	21	4	1	1	1	3	6	11	31	54	22
12-14 LST	68	51	8	1	1	#	1	1	2	7	24	58	19
15-17 LST	65	34	2	1	2	#	#	1	#	6	19	57	16
18-20 LST	64	38	2	2	2	#	1	1	1	3	20	53	16
21-23 LST	65	40	2	2	1	1	1	2	1	2	21	49	16
ALL HOURS	63	46	7	2	1	1	1	2	3	6	22	51	17

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	48	32	#	1	#	1	0	#	1	2	13	37	11
03-05 LST	43	33	2	1	1	#	1	1	3	4	14	33	11
06-08 LST	42	37	3	1	2	#	1	3	5	5	13	35	12
09-11 LST	55	55	10	1	1	1	#	2	5	6	22	45	17
12-14 LST	58	41	2	#	#	#	1	1	1	2	18	48	14
15-17 LST	52	24	#	1	1	#	0	1	#	2	11	45	12
18-20 LST	52	25	1	1	1	0	#	1	1	1	12	41	11
21-23 LST	52	28	#	#	1	1	#	1	#	1	15	39	12
ALL HOURS	50	34	2	1	1	#	1	1	2	3	15	40	13

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	7	#	#	0	#	0	#	#	1	3	15	4
03-05 LST	17	7	#	#	1	#	1	0	1	2	2	12	4
06-08 LST	14	9	0	#	0	#	1	2	2	1	2	11	3
09-11 LST	28	33	3	#	0	#	#	1	2	1	8	17	8
12-14 LST	36	22	#	0	#	#	#	0	1	#	6	25	8
15-17 LST	27	13	0	0	1	#	0	#	#	#	5	23	6
18-20 LST	22	9	#	#	#	0	#	#	#	0	4	18	5
21-23 LST	19	9	#	0	#	1	#	#	0	0	3	16	4
ALL HOURS	23	14	1	#	#	#	#	#	1	1	4	17	5

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YEMTSA-IN-ARKHANGEL, USSR
 LOCATION: 63°04'N, 40°22'E
 PREPARED BY USAFETAC/ECR JUN 1986

STATION #: 226570
 ELEVATION (FEET): 348
 PERIOD: VARIED

ICAO ID:
 LST - GMT +4

	SOURCE	NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)															
EXTREME MAX	1	39	36	50	68	90	86	88	88	74	64	47	38	90	
MEAN DLY MAX	1	12	16	28	39	54	63	59	62	52	36	27	18	40	
MEAN	1	6	10	22	32	46	55	61	54	45	33	23	13	33	
MEAN DLY MIN	1	0	4	15	24	35	45	50	46	39	28	19	7	26	
EXTREME MIN	1	-42	-36	-32	-5	19	28	32	25	20	-1	-22	-46	-46	
# DAYS > 90	1	0	0	0	0	#	0	0	0	0	0	0	0	#	
# DAYS > 32	1	31	28	30	24	14	2	#	1	8	21	28	31	218	
# DAYS > 0	1	15	11	4	1	0	0	0	0	0	#	2	10	43	
2. PRECIPITATION															
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.9	1.4	1.5	1.5	2.0	2.8	2.8	3.1	3.0	2.8	2.2	2.2	27.2	
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS	1	29	24	24	19	18	19	17	22	22	26	28	29	277	
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL															
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS	1	28	24	22	12	5	1	#	0	2	16	25	28	164	
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)															
RH (04 LST)	1	82	84	85	81	82	84	89	93	93	91	89	87	87	
RH (16 LST)	1	83	80	69	55	49	53	55	63	69	82	87	86	69	
VAPOR PRESS	1	.07	.07	.10	.13	.20	.29	.38	.35	.27	.18	.13	.09	.19	
DEWPOINT	1	17	16	20	23	33	42	50	48	40	30	24	20	32	
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)															
PVLG DRCTN	1	SSW	SW	SSW	SSW	N	N	\$N	\$S	S	SSW	SSW	SSW	SSW	
MEAN SPEED															
(PVLG DRCTN)	1	9	7	7	7	7	7	6	6	6	7	8	9	7	
MEAN SPEED															
(ALL OBS)	1	6	6	6	6	6	6	5	5	5	6	7	7	6	
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	1750	1500	1800	2000	1400	1500	1350	1250	1700	1550	1550	1900	2000	
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)															
CLD COVER	1	6	6	6	5	5	5	5	6	6	7	7	6	6	
DAYS TSTMS	1	0	0	0	0	2	4	5	3	0	0	0	0	4	
DAYS FOG <7	1	7	8	10	8	5	5	9	12	12	12	9	7	104	
DAYS BNBD <7	1	0	#	#	0	#	#	#	#	0	#	#	0	1	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS
 APPLICABLE \$ - \$ CALM > PVLG DRCTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85, THREE HOURLY
 2. MANUAL ON CLIMATE OF THE USSR, POR: 1936-1965
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	40	41	35	21	25	27	25	26	30	58	64	51	37
03-05 LST	41	42	36	28	29	27	23	35	40	56	64	52	39
06-08 LST	44	45	41	31	27	31	24	41	51	64	64	53	43
09-11 LST	55	46	36	33	30	33	25	41	50	68	71	63	46
12-14 LST	39	31	37	35	35	36	33	47	51	65	65	51	44
15-17 LST	38	28	39	33	35	40	36	41	46	66	63	55	43
18-20 LST	39	33	34	25	31	27	28	31	40	64	65	57	40
21-23 LST	42	35	35	24	26	25	19	29	36	58	64	53	37
ALL HOURS	42	37	37	29	30	31	27	36	43	62	65	54	41

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	31	28	14	19	19	22	20	23	44	47	42	28
03-05 LST	32	34	27	20	23	21	20	30	32	46	50	43	31
06-08 LST	35	36	33	25	21	24	21	35	47	54	54	45	36
09-11 LST	51	43	32	26	23	23	20	34	42	59	65	58	40
12-14 LST	35	27	31	26	25	25	24	35	37	54	57	47	35
15-17 LST	33	23	30	27	26	32	28	30	34	54	54	49	35
18-20 LST	32	29	30	19	23	23	23	24	32	52	52	46	32
21-23 LST	35	28	25	20	18	19	15	24	24	44	49	44	29
ALL HOURS	36	31	30	22	22	23	22	29	34	51	54	47	33

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	16	14	8	7	7	9	10	9	23	24	19	13
03-05 LST	14	17	14	10	11	8	11	15	16	22	25	21	15
06-08 LST	15	17	15	12	9	9	10	20	25	27	26	20	17
09-11 LST	22	24	19	15	8	8	8	17	24	40	33	24	20
12-14 LST	20	13	14	12	7	6	7	9	13	28	27	27	15
15-17 LST	21	12	13	11	6	7	7	7	9	26	31	29	15
18-20 LST	16	13	12	8	4	6	8	8	12	26	26	23	14
21-23 LST	15	15	12	9	5	6	5	9	9	21	28	19	13
ALL HOURS	17	16	14	11	7	7	8	12	15	27	28	23	15

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	#	1	1	2	1	1	2	2	1	1
03-05 LST	#	1	1	2	2	1	2	5	3	2	1	1	2
06-08 LST	1	1	3	3	1	1	2	7	7	4	2	1	3
09-11 LST	2	1	2	1	0	0	0	2	3	3	1	2	1
12-14 LST	2	#	#	1	0	0	#	#	1	3	1	2	1
15-17 LST	1	1	1	2	0	0	1	1	#	2	2	1	1
18-20 LST	1	1	#	1	1	#	#	0	1	2	1	#	1
21-23 LST	2	1	1	2	0	0	#	1	1	3	2	2	1
ALL HOURS	1	1	1	2	1	#	1	2	2	3	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: YEMTSA-IN-ARKHANGEL, USSR
LOCATION: 63°04'N, 40°22'E
PREPARED BY USAFETAC/ECR JUN 1986

STATION #: 226570
ELEVATION (FEET): 348
PERIOD: JAN 73 - DEC 85

ICAO ID:
LST - GMT +4

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	1	#	0	0	0	0	0	#
03-05 LST	0	0	0	0	#	1	#	0	0	0	0	0	#
06-08 LST	0	0	0	0	0	0	#	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	1	0	0	0	0	0	#
12-14 LST	0	0	0	0	#	1	#	1	0	0	0	0	#
15-17 LST	0	0	0	0	#	3	4	1	0	0	0	0	1
18-20 LST	0	0	0	0	1	3	4	4	0	0	0	0	1
21-23 LST	0	0	0	0	#	1	2	2	0	0	0	0	#
ALL HOURS	0	0	0	0	#	1	2	1	0	0	0	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	8	11	11	9	12	13	19	9	3	8
03-05 LST	2	1	3	6	8	12	7	12	13	16	10	3	8
06-08 LST	1	2	4	7	10	13	10	14	17	20	11	2	9
09-11 LST	2	1	4	7	12	13	10	16	16	18	11	3	9
12-14 LST	1	#	4	10	12	12	11	16	21	22	8	3	10
15-17 LST	1	1	3	9	12	16	12	18	20	18	10	3	10
18-20 LST	1	1	5	11	12	17	15	17	23	19	11	4	11
21-23 LST	1	1	6	8	13	10	9	16	17	19	11	2	9
ALL HOURS	1	1	4	8	11	13	10	15	18	19	10	3	9

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	49	47	30	12	4	1	0	0	1	19	39	50	21
03-05 LST	47	47	29	15	3	1	0	0	2	20	40	50	21
06-08 LST	48	47	34	16	4	1	#	0	3	21	41	58	23
09-11 LST	47	42	33	16	5	1	0	0	2	21	40	53	22
12-14 LST	50	41	28	15	5	1	0	0	2	17	45	52	21
15-17 LST	41	32	27	13	4	0	0	0	1	20	35	47	18
18-20 LST	48	30	25	10	3	1	0	0	2	16	39	52	19
21-23 LST	52	40	30	10	3	#	#	0	1	20	39	53	21
ALL HOURS	48	41	29	13	4	1	#	0	2	19	40	52	21

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	#	#	0	#	0	0	0	0	0	1	#
03-05 LST	1	1	0	#	1	0	0	0	0	#	0	1	#
06-08 LST	1	0	1	0	0	0	0	0	0	0	#	1	#
09-11 LST	0	#	0	0	0	0	0	#	0	0	#	1	#
12-14 LST	#	0	1	#	0	0	0	0	0	0	#	0	#
15-17 LST	#	#	0	0	0	0	#	0	#	0	0	0	#
18-20 LST	#	1	0	#	#	#	#	0	0	0	0	0	#
21-23 LST	#	1	0	1	#	1	0	0	0	1	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 85, THREE HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	10	11	4	5	3	7	7	8	18	18	13	9
03-05 LST	9	11	10	8	8	5	9	11	13	17	17	15	11
06-08 LST	11	11	13	11	8	5	8	18	21	21	17	13	13
09-11 LST	16	19	16	11	6	4	6	14	19	31	24	15	15
12-14 LST	16	8	10	9	3	2	3	6	8	22	21	19	11
15-17 LST	14	8	9	7	2	2	4	3	5	19	25	19	10
18-20 LST	11	9	9	6	2	3	4	4	8	19	19	16	9
21-23 LST	11	11	9	7	3	3	4	6	8	16	21	14	9
ALL HOURS	12	11	11	8	5	3	6	9	11	21	20	16	11

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	5	3	3	2	5	3	5	12	9	7	5
03-05 LST	3	5	4	6	5	4	7	8	10	11	8	6	6
06-08 LST	5	5	7	8	5	3	6	16	18	13	9	6	8
09-11 LST	8	10	9	7	4	2	3	10	15	22	18	10	10
12-14 LST	9	3	4	5	1	1	2	3	5	16	15	11	6
15-17 LST	7	4	5	4	1	#	1	2	3	15	16	9	6
18-20 LST	4	4	4	4	1	1	2	2	4	14	10	7	5
21-23 LST	5	6	4	5	2	2	2	3	3	11	12	7	5
ALL HOURS	6	5	5	5	3	2	3	6	8	14	12	8	6

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	3	1	1	2	2	1	2	7	3	3	2
03-05 LST	1	2	2	4	3	2	4	6	5	6	3	4	3
06-08 LST	2	3	4	5	2	1	3	9	11	7	4	3	4
09-11 LST	3	2	4	4	1	0	1	3	6	10	4	5	4
12-14 LST	3	1	1	3	0	#	#	1	1	7	4	5	2
15-17 LST	2	2	2	2	0	0	1	1	1	6	7	3	2
18-20 LST	2	2	2	2	1	1	1	0	1	7	4	2	2
21-23 LST	3	2	1	4	0	1	#	1	1	6	4	3	2
ALL HOURS	2	2	2	3	1	1	1	3	4	7	4	3	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	#	0	1	1	0	0	1	#	0	#
03-05 LST	#	0	1	0	1	1	1	2	1	#	#	0	1
06-08 LST	#	1	2	2	1	1	1	2	4	#	1	1	1
09-11 LST	1	0	1	1	0	0	0	1	2	1	1	1	1
12-14 LST	1	0	0	0	0	0	#	#	#	1	1	1	#
15-17 LST	1	0	0	1	0	0	1	#	0	#	#	1	#
18-20 LST	1	1	#	#	#	#	#	0	#	1	0	#	#
21-23 LST	1	1	1	1	0	0	0	#	#	1	1	#	1
ALL HOURS	1	#	1	1	#	#	#	1	1	1	#	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YUZHNO-KURILSK, USSR
LOCATION: 44°02'N, 145°52'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 321650
ELEVATION (FEET): 131
PERIOD: 7301-8612

ICAO ID: N/A
LST - GMT +11

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1-2	46	50	58	64	79	81	86	85	84	84	63	52	85
MEAN DLY MAX 1	26	24	29	38	45	50	57	63	61	54	42	32	43
MEAN 1	23	21	26	35	41	47	54	61	58	50	39	30	40
MEAN DLY MIN 1	19	17	22	31	37	44	51	57	55	46	35	26	37
EXTREME MIN 1-2	-1	0	0	18	28	35	40	45	36	30	21	8	-1
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32 1	31	28	31	19	3	0	0	0	0	0	10	27	149
# DAYS < 0 1	#	#	#	0	0	0	0	0	0	0	0	0	#
2. PRECIPITATION (INCHES)													
MAXIMUM 2	3.6	3.4	4.8	6.2	7.9	9.3	7.4	10.5	8.9	14.2	9.2	5.5	59.3
MEAN 2	2.3	1.6	3.0	3.3	4.8	4.9	4.7	5.7	5.8	5.3	4.4	3.5	44.4
MINIMUM 2	0.6	0.6	1.1	1.6	2.0	2.2	3.3	0.9	3.1	2.6	0.6	1.4	38.2
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS W/ PRECIP 1	28	22	23	20	20	21	23	21	18	21	23	27	267
# DAYS > 0.1 2	17	12	16	11	14	15	16	19	13	13	16	19	181
3. SNOWFALL (INCHES)													
MEAN	#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM	#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR	#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS W/ SNOWFALL 1	25	20	19	10	2	#	#	#	#	1	9	22	108
# DAYS W/ SNOW DEPTH													
> 1.0 2	29	27	27	12	0	0	0	0	0	0	4	14	111
> 6.0 2	12	13	18	5	0	0	0	0	0	0	0	1	49
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (05 LST) 1	75	77	80	86	91	95	97	95	87	77	74	74	84
RH (14 LST) 1	70	68	71	86	84	90	93	89	80	69	69	69	78
VAPOR PRESS 1	.10	.09	.11	.17	.23	.31	.42	.50	.43	.28	.18	.12	.25
DEWPOINT 1	15	13	19	30	37	45	53	58	54	42	30	21	35
5. SURFACE WINDS (16 FT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	NW	NW	NW	NW	S	SS	SS	S	S	NW	NW	NW	NW
MEAN SPEED (PVLG DRCTN) 1	15	14	13	15	9	9	8	8	9	13	14	14	12
MEAN SPEED (ALL OBS) 1	12	11	10	10	9	8	6	7	9	12	12	12	10
MAX (PK GST) 1	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT 1	1150	1350	1150	950	900	930	980	1180	1000	1150	1050	1000	1350
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	6	5	5	6	6	7	7	7	6	5	5	6	6
DAYS TSTMS 1	#	0	#	#	#	1	1	1	1	#	1	0	5
DAYS FOG < 7 1	1	1	4	12	16	22	24	19	8	3	1	1	110
DAYS BNBD < 7 1	#	0	0	#	#	#	0	0	#	0	0	#	0
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE
\$ - % CALM > PVLG DRCIN
- BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, THREE HOURLY, JAN 73 - DEC 86
2. NATIONAL INTELLIGENCE SURVEY, JUL 71, VARIOUS POR, 4-27 YRS
3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	44	32	38	47	53	75	77	66	41	33	35	46	49
03-05 LST	49	35	38	49	56	73	83	70	43	35	34	47	51
06-08 LST	51	35	35	42	61	77	82	69	45	38	43	52	53
09-11 LST	51	33	38	50	58	74	77	65	43	38	39	49	51
12-14 LST	50	29	35	46	51	66	73	60	42	33	41	49	51
15-17 LST	51	31	36	46	48	60	70	56	39	35	41	46	46
18-20 LST	41	29	34	44	47	64	71	59	47	35	36	48	46
21-23 LST	44	32	35	45	51	72	76	64	45	35	38	43	48
ALL HOURS	47	32	36	47	53	70	76	64	43	35	38	47	49

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	20	15	23	35	47	71	72	60	30	17	12	17	35
03-05 LST	23	17	23	38	49	69	77	61	32	17	13	19	36
06-08 LST	20	17	23	43	53	74	78	59	33	17	16	19	38
09-11 LST	24	20	25	38	50	69	73	58	34	17	14	20	37
12-14 LST	20	16	22	33	43	62	69	54	31	15	14	20	33
15-17 LST	20	16	24	33	41	56	64	48	27	15	12	18	31
18-20 LST	17	17	22	33	39	60	63	51	31	15	14	17	32
21-23 LST	19	17	22	33	45	67	70	56	32	17	13	15	34
ALL HOURS	20	17	23	36	46	66	71	56	31	16	13	18	35

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	8	14	25	40	64	68	53	23	10	6	11	28
03-05 LST	12	9	15	30	44	64	72	55	25	10	7	12	30
06-08 LST	10	9	15	33	46	67	73	53	26	8	7	13	30
09-11 LST	17	12	18	31	44	64	69	52	26	9	6	11	30
12-14 LST	13	11	14	25	37	56	63	46	24	9	8	12	27
15-17 LST	14	11	16	26	35	52	60	41	21	7	7	11	25
18-20 LST	10	12	15	25	33	54	59	46	24	7	7	8	25
21-23 LST	11	10	13	26	37	60	64	50	24	9	6	10	27
ALL HOURS	12	10	15	28	39	60	66	49	24	9	7	11	28

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	5	16	27	44	52	36	9	3	1	2	17
03-05 LST	3	2	7	17	28	46	50	37	9	2	1	3	17
06-08 LST	4	3	7	19	29	48	57	36	10	1	1	3	18
09-11 LST	8	5	8	17	26	46	51	34	10	1	2	2	17
12-14 LST	6	5	7	16	24	38	45	28	9	2	1	5	15
15-17 LST	5	4	7	17	23	30	42	25	7	2	1	4	14
18-20 LST	3	5	5	13	22	33	43	28	9	1	1	1	14
21-23 LST	2	3	5	13	24	39	46	33	9	2	1	1	15
ALL HOURS	4	4	6	16	25	41	48	32	9	2	1	3	16

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: YUZHNO-KURILSK, USSR
LOCATION: 44°02'N, 145°52'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 321650
ELEVATION (FEET): 131
PERIOD: 7301-8612

ICAO ID: N/A
LST - GMT +11

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	0	0	#	#	0	0	0	0	#
03-05 LST	#	0	0	0	0	0	1	0	#	0	#	0	#
06-08 LST	0	0	0	0	0	0	0	1	0	#	0	0	#
09-11 LST	0	0	0	0	0	0	#	#	#	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	#	0	#	0	#
15-17 LST	#	0	0	0	#	#	#	#	#	1	#	0	#
18-20 LST	0	0	0	0	0	#	#	1	#	0	0	0	#
21-23 LST	#	0	#	0	0	#	0	1	#	0	#	0	#
ALL HOURS	#	0	#	#	#	#	#	#	#	#	#	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	13	24	37	37	27	17	19	13	5	16
03-05 LST	2	1	2	12	26	30	33	24	17	13	9	4	15
06-08 LST	1	1	2	14	27	34	37	27	18	16	11	4	16
09-11 LST	1	1	2	12	24	24	28	21	17	15	12	3	13
12-14 LST	1	1	2	12	17	17	21	20	16	14	10	5	11
15-17 LST	1	1	1	10	19	17	18	18	14	16	12	6	11
18-20 LST	1	1	3	10	20	22	22	20	16	16	13	4	12
21-23 LST	1	1	1	15	25	28	28	26	18	20	14	5	15
ALL HOURS	1	1	2	12	23	26	28	23	17	16	12	5	14

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	44	32	26	12	1	0	0	0	0	#	14	28	13
03-05 LST	38	28	26	12	2	0	0	0	0	1	12	26	12
06-08 LST	42	30	24	13	3	#	0	0	0	1	13	31	13
09-11 LST	45	25	24	13	3	0	0	0	0	#	16	32	13
12-14 LST	42	23	21	7	2	0	0	0	0	1	14	29	12
15-17 LST	43	26	22	9	2	0	0	0	0	1	13	26	12
18-20 LST	39	25	23	11	2	0	0	0	0	1	12	29	12
21-23 LST	38	29	25	10	2	#	0	0	0	#	12	29	12
ALL HOURS	41	27	24	11	2	#	0	0	0	1	13	29	12

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	5	5	5	2	2	#	1	2	8	7	7	4
03-05 LST	9	5	6	6	2	1	#	2	4	7	6	7	5
06-08 LST	8	6	6	4	3	2	1	1	3	5	8	5	4
09-11 LST	8	6	5	6	4	2	1	1	3	8	6	7	5
12-14 LST	9	7	5	5	3	1	#	1	3	9	8	9	5
15-17 LST	6	7	6	3	3	2	#	1	2	7	8	7	4
18-20 LST	6	5	5	4	2	2	#	1	2	6	8	6	4
21-23 LST	7	5	5	5	2	1	#	#	2	8	8	7	4
ALL HOURS	8	6	5	5	3	2	#	1	3	7	8	7	4

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, THREE HOURLY, JAN 73-DEC 86
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	7	13	24	36	62	65	49	20	8	4	10	26
03-05 LST	11	8	15	27	42	59	69	51	22	7	5	11	27
06-08 LST	9	9	14	31	43	64	73	49	24	6	5	10	28
09-11 LST	17	10	16	29	41	63	66	50	24	7	6	10	28
12-14 LST	12	11	13	24	34	55	61	44	22	6	7	11	25
15-17 LST	13	11	16	25	32	49	57	39	19	5	6	10	24
18-20 LST	9	11	15	23	31	51	57	43	21	6	6	7	23
21-23 LST	10	9	11	24	35	57	61	45	22	8	5	9	25
ALL HOURS	11	10	14	26	37	57	64	46	22	7	5	10	26

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	5	10	19	32	54	61	44	13	5	2	6	22
03-05 LST	9	5	11	22	33	54	62	46	15	5	3	7	23
06-08 LST	8	7	12	25	35	60	65	43	15	4	2	6	23
09-11 LST	14	9	14	25	35	56	60	42	15	4	3	6	24
12-14 LST	11	9	11	21	29	48	55	37	15	4	3	10	21
15-17 LST	10	10	13	20	26	40	53	33	14	4	4	7	20
18-20 LST	7	10	11	19	26	42	51	36	17	3	3	5	19
21-23 LST	7	8	8	21	29	50	56	41	15	5	2	4	20
ALL HOURS	9	8	11	22	31	51	58	40	15	4	3	6	21

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	5	8	16	29	47	55	39	10	3	1	4	19
03-05 LST	7	3	8	19	30	50	55	41	11	3	1	5	19
06-08 LST	6	5	10	21	30	52	60	37	11	2	2	4	20
09-11 LST	12	8	12	20	28	50	54	37	11	1	2	5	20
12-14 LST	9	8	10	18	26	41	49	32	10	2	2	7	18
15-17 LST	8	7	10	18	23	34	46	29	8	2	2	6	16
18-20 LST	6	8	9	15	23	37	46	30	10	2	2	4	16
21-23 LST	5	5	7	16	26	42	50	36	10	3	1	2	17
ALL HOURS	7	6	9	18	27	44	52	35	10	2	2	4	18

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	3	14	24	38	45	31	7	2	#	1	14
03-05 LST	2	1	5	15	22	40	43	31	7	2	0	1	14
06-08 LST	2	1	4	16	25	41	50	31	7	1	1	1	15
09-11 LST	3	2	6	13	21	36	42	28	8	1	1	2	14
12-14 LST	3	3	4	13	20	28	34	21	6	1	1	3	11
15-17 LST	2	3	4	12	16	22	35	20	5	1	#	2	10
18-20 LST	2	3	4	10	20	30	36	26	6	#	1	1	12
21-23 LST	1	1	4	11	21	33	40	28	8	2	#	1	13
ALL HOURS	2	2	4	13	21	34	41	27	7	1	1	1	13

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: YUZHNOYE (LH) RA
LOCATION: 46°01N, 143°26E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 321580
ELEVATION (FEET): 69
PERIOD: 7301-8612

ICAO ID:
LST - GMT +11

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	35	37	50	58	71	79	88	82	64	54	45	88
MEAN DLY MAX	1	18	18	27	39	48	55	63	66	49	35	24	42
MEAN	1	12	13	22	35	43	51	59	62	57	44	31	37
MEAN DLY MIN	1	6	6	17	30	37	46	54	58	51	38	25	32
EXTREME MIN	1	-18	-17	-6	14	23	28	40	45	32	19	5	-18
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32	1	30	27	29	18	5	#	0	0	#	7	24	171
# DAYS < 0	1	9	7	1	0	0	0	0	0	0	0	1	18
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/ PRECIP	1	23	21	21	19	18	17	17	17	15	17	22	231
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS W/ SNOWFALL	1	19	16	17	9	3	1	0	0	0	1	12	99
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (05 LST)	1	79	79	81	84	87	92	94	93	90	81	78	85
RH (14 LST)	1	65	64	65	69	69	77	80	77	70	63	65	69
VAPOR PRESS	1	.06	.06	.10	.16	.22	.32	.45	.50	.39	.23	.14	.23
DEWPOINT	1	5	6	15	28	36	46	55	58	51	36	23	31
5. SURFACE WINDS (16 FT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	N	NE	NE	S	S	S	S	S	S	W	W	N
MEAN SPEED													
(PVLG DRCTN)	1	7	11	11	8	10	8	8	8	9	14	14	7
MEAN SPEED													
(ALL OBS)	1	8	8	8	8	9	7	6	7	8	10	10	9
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	1050	950	1100	1200	1000	850	800	1250	800	1200	1100	1200
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	4	4	4	5	6	6	6	4	4	5	4	5
DAYS TSTMS	1	#	#	#	0	#	#	1	1	2	0	#	5
DAYS FOG < 7	1	#	#	3	6	7	9	13	9	4	3	1	57
DAYS BNBD < 7	1	0	0	0	0	0	0	#	0	0	0	0	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		ANN											

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
- BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, JAN 73 - DEC 86, THREE HOURLY
2.
3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	31	25	28	45	53	58	69	54	37	33	37	34	42
03-05 LST	35	26	31	41	54	62	74	60	43	32	37	36	44
06-08 LST	33	31	35	48	55	62	76	53	41	35	39	35	45
09-11 LST	31	34	31	44	46	54	69	58	38	39	43	43	44
12-14 LST	25	25	32	38	40	42	49	44	32	39	44	36	37
15-17 LST	23	29	32	35	38	40	46	39	31	33	40	33	35
18-20 LST	29	26	30	33	36	44	51	39	33	31	32	38	35
21-23 LST	32	25	27	38	46	50	61	49	31	30	35	35	38
ALL HOURS	30	28	31	40	46	52	62	49	36	34	38	36	40

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	11	16	23	31	41	49	33	19	12	17	14	24
03-05 LST	18	10	16	22	34	46	55	38	22	12	16	16	25
06-08 LST	17	15	21	33	35	46	56	34	26	18	16	15	28
09-11 LST	21	27	23	25	27	38	45	28	17	17	23	25	26
12-14 LST	16	14	13	18	18	23	25	18	12	13	16	16	17
15-17 LST	15	13	16	17	18	19	23	16	13	10	19	17	16
18-20 LST	14	14	15	18	18	23	25	17	15	14	13	18	17
21-23 LST	18	13	13	22	24	30	37	25	18	11	15	16	20
ALL HOURS	17	15	17	22	26	33	39	26	18	13	17	17	22

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	5	7	10	14	23	27	14	5	1	5	3	10
03-05 LST	5	5	6	10	15	24	33	19	9	3	5	4	12
06-08 LST	6	4	10	13	19	27	34	20	11	5	5	4	13
09-11 LST	12	17	12	12	10	21	22	11	7	5	7	13	12
12-14 LST	8	8	8	7	5	10	12	7	3	2	5	8	7
15-17 LST	8	6	8	7	5	7	9	4	3	1	5	5	6
18-20 LST	5	5	9	7	8	10	11	5	3	2	3	4	6
21-23 LST	7	5	6	7	7	16	20	11	4	1	3	5	8
ALL HOURS	7	7	8	9	10	17	21	11	6	3	5	6	9

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	1	3	4	8	8	2	2	1	1	1	3
03-05 LST	1	1	1	2	5	8	14	5	3	1	1	1	3
06-08 LST	1	1	4	3	5	6	11	9	4	1	#	1	4
09-11 LST	2	1	2	2	2	2	6	2	2	#	1	2	2
12-14 LST	1	2	1	1	1	1	1	#	1	1	1	2	1
15-17 LST	1	1	1	#	1	#	1	0	1	#	1	1	1
18-20 LST	1	1	2	2	2	3	2	1	1	0	0	1	1
21-23 LST	1	1	2	2	1	5	4	1	1	#	1	1	2
ALL HOURS	1	1	2	2	3	4	6	3	2	1	1	1	2

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: YUZHNOYE (LH) RA
LOCATION: 46°01N, 143°26'E
PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 321580
ELEVATION (FEET): 69
PERIOD: 7301-8612

ICAO ID:
LST - GMT +11

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	#	0	#	1	#	0	0	#
03-05 LST	0	0	0	0	#	1	1	#	1	#	0	0	#
06-08 LST	0	0	0	0	0	0	0	0	1	1	0	#	#
09-11 LST	0	0	0	0	0	0	0	0	0	#	0	0	#
12-14 LST	0	0	0	0	0	0	1	0	0	0	0	0	#
15-17 LST	0	0	0	0	0	0	#	1	#	#	0	0	#
18-20 LST	0	0	0	0	0	0	#	0	#	0	0	0	#
21-23 LST	0	0	0	0	0	#	0	#	1	0	0	0	#
ALL HOURS	0	0	0	0	#	#	#	#	#	#	0	#	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	1	7	15	15	18	14	12	11	9	1	9
03-05 LST	1	0	#	6	12	17	19	13	13	11	7	#	8
06-08 LST	1	1	1	12	14	21	20	15	14	12	5	2	10
09-11 LST	0	1	1	7	12	16	13	16	11	14	7	2	8
12-14 LST	#	#	#	8	10	12	8	11	11	12	9	2	7
15-17 LST	0	1	#	8	14	11	10	10	12	10	9	2	7
18-20 LST	1	#	#	7	13	14	8	10	10	12	7	3	7
21-23 LST	#	0	1	8	15	14	10	10	13	13	8	2	8
ALL HOURS	#	#	0	8	13	15	13	12	12	12	8	2	8

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	27	21	19	10	3	1	0	0	0	1	11	20	9
03-05 LST	30	20	22	10	3	#	0	0	0	2	14	26	10
06-08 LST	29	20	19	11	4	0	0	0	0	1	13	26	10
09-11 LST	28	23	19	11	4	#	0	0	#	1	14	27	11
12-14 LST	24	24	24	9	4	#	0	0	0	2	20	27	11
15-17 LST	22	25	25	13	3	0	0	0	0	2	15	24	11
18-20 LST	26	23	19	10	3	0	0	0	0	1	12	26	10
21-23 LST	28	23	17	12	3	0	0	#	0	1	11	23	10
ALL HOURS	27	22	20	11	3	#	0	#	#	1	14	25	10

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	1	1	1	#	0	1	0	3	3	1	1
03-05 LST	1	1	#	1	1	0	0	1	0	3	2	2	1
06-08 LST	1	1	2	#	1	#	#	1	#	3	3	2	1
09-11 LST	1	1	2	1	1	#	0	0	1	2	2	2	1
12-14 LST	2	1	2	1	2	0	#	0	1	3	3	2	1
15-17 LST	3	1	1	1	#	0	0	0	0	2	2	2	1
18-20 LST	2	1	2	1	1	#	0	0	1	3	2	2	1
21-23 LST	2	#	2	#	0	#	0	1	1	3	2	2	1
ALL HOURS	2	1	2	1	1	#	#	#	#	3	2	2	1

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 Ø - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, JAN 73 - DEC 86, THREE HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	4	6	8	12	18	24	13	4	1	4	3	9
03-05 LST	5	4	5	7	12	20	30	18	8	3	4	4	10
06-08 LST	5	4	10	10	16	24	30	19	11	5	3	3	12
09-11 LST	12	16	11	10	8	16	18	9	5	5	7	12	11
12-14 LST	8	7	8	5	5	7	9	4	2	2	5	8	6
15-17 LST	7	5	8	5	4	4	9	3	2	1	5	5	5
18-20 LST	5	5	8	6	6	8	8	4	2	2	3	4	5
21-23 LST	7	5	5	6	6	14	17	10	3	1	3	4	7
ALL HOURS	7	6	8	7	9	14	18	10	5	2	4	5	8

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	4	5	6	8	11	18	8	3	1	4	3	6
03-05 LST	4	3	4	4	10	12	24	13	7	2	3	4	7
06-08 LST	4	3	9	7	12	14	23	16	8	3	3	3	9
09-11 LST	10	13	9	7	5	8	10	6	4	2	6	10	8
12-14 LST	6	6	6	4	2	4	5	3	1	1	4	6	4
15-17 LST	5	4	6	4	2	2	4	2	1	1	3	3	3
18-20 LST	4	3	7	6	5	5	5	2	1	1	2	3	4
21-23 LST	6	4	4	4	5	9	12	5	2	1	2	4	5
ALL HOURS	6	5	6	5	6	8	13	7	3	1	3	5	6

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	2	3	4	9	13	4	2	1	2	1	4
03-05 LST	3	2	2	3	6	9	18	7	4	1	1	2	5
06-08 LST	2	2	6	4	8	10	18	12	4	2	2	2	6
09-11 LST	6	9	5	4	2	6	8	4	3	1	3	7	5
12-14 LST	3	3	3	2	1	2	2	1	1	1	2	4	2
15-17 LST	3	3	3	1	1	1	2	1	1	#	1	2	2
18-20 LST	3	2	4	3	4	3	3	1	1	0	#	2	2
21-23 LST	4	3	3	2	3	8	7	2	1	#	1	1	3
ALL HOURS	4	3	4	3	4	6	9	4	2	1	2	3	4

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	2	3	6	6	2	1	#	1	1	2
03-05 LST	#	#	#	2	5	6	11	4	2	1	#	0	3
06-08 LST	#	1	2	2	4	5	9	8	3	#	#	0	3
09-11 LST	#	#	1	2	1	2	3	1	1	0	#	1	1
12-14 LST	0	#	#	#	1	1	#	0	1	1	#	1	#
15-17 LST	1	#	1	0	#	#	1	0	1	#	#	0	#
18-20 LST	#	0	1	2	1	2	#	1	1	0	0	1	1
21-23 LST	#	#	1	2	1	4	3	1	1	0	0	1	1
ALL HOURS	#	#	1	1	2	3	4	2	1	#	#	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: CAPE ZOLOTY, USSR
 LOCATION: 47°19'N, 138°00'E
 PREPARED BY: USAFETAC/ECR, JAN 1988

STATION #: 318290
 ELEVATION (FEET): 85
 PERIOD: 7301-8412

ICAO ID: N/A
 LST = GMT +10

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	40	35	55	59	75	77	88	86	84	69	63	41	88
MEAN DLY MAX	1	17	19	28	38	46	53	61	66	61	49	34	22	41
MEAN	1	11	14	24	34	41	49	57	62	56	43	28	16	36
MEAN DLY MIN	1	5	7	18	30	37	45	53	57	50	37	21	9	31
EXTREME MIN	1	-19	-23	-10	7	12	24	41	46	30	15	-12	-20	-23
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 32	1	31	28	31	22	3	#	0	0	#	8	27	31	181
# DAYS < 0	1	9	5	#	0	0	0	0	0	0	0	1	5	20
2. PRECIPITATION (INCHES)														
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS W/ PRECIP	1	7	8	13	13	16	16	16	16	12	9	7	7	140
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS W/ SNOWFALL	1	6	7	12	9	3	1	1	#	#	2	5	5	51
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (04 LST)	1	54	57	65	81	87	92	93	88	80	64	54	52	73
RH (13 LST)	1	48	51	58	73	80	86	88	81	73	57	48	48	66
VAPOR PRESS	1	.04	.05	.09	.15	.22	.31	.43	.48	.36	.19	.09	.05	.21
DEWPOINT	1	-2	1	12	27	36	45	54	57	48	30	11	0	27
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	NW	NW	NE	NE	NE	NE	NE	SW	SW	W	W	NW	NE
MEAN SPEED (PVLG DRCTN)	1	10	10	16	14	15	14	10	8	9	8	9	11	11
MEAN SPEED (ALL OBS)	1	10	10	9	9	10	9	7	7	8	9	9	10	9
MAX (PK GST)	1	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1650	1290	800	1200	1150	1050	1200	1410	1100	1250	850	1200	1650
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	3	3	4	5	6	6	6	6	4	4	3	3	5
DAYS TSTMS	1	#	0	#	#	1	1	1	1	1	#	#	0	6
DAYS FOG < 7	1	0	0	1	8	11	17	16	8	2	1	#	0	64
DAYS BNBD < 7	1	0	0	0	#	#	#	#	#	0	0	#	#	#
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, THREE HOURLY
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	11	17	34	45	57	52	42	25	19	11	9	28
03-05 LST	9	9	14	36	47	59	49	41	21	17	12	8	27
06-08 LST	9	10	19	33	49	61	58	41	27	22	12	9	29
09-11 LST	9	10	18	35	46	58	54	38	23	16	14	12	28
12-14 LST	9	10	18	30	43	52	52	34	23	19	11	12	26
15-17 LST	11	13	21	38	45	54	48	33	29	21	12	13	28
18-20 LST	9	15	25	38	45	56	53	37	30	21	15	11	30
21-23 LST	10	14	23	36	46	59	51	41	29	20	11	10	29
ALL HOURS	9	11	19	35	46	57	52	39	26	20	12	11	28

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	9	12	22	28	42	36	26	10	6	6	5	17
03-05 LST	7	6	11	24	29	43	35	25	9	6	6	2	17
06-08 LST	6	6	11	20	29	47	39	24	11	10	5	6	18
09-11 LST	6	7	13	23	32	44	38	22	9	6	5	8	18
12-14 LST	6	7	11	16	24	37	35	21	9	8	5	7	15
15-17 LST	6	8	12	24	25	36	30	18	9	7	5	6	16
18-20 LST	6	8	16	24	26	38	34	21	10	7	8	6	17
21-23 LST	7	9	15	24	29	42	36	25	11	6	5	5	18
ALL HOURS	6	8	13	22	28	41	35	23	10	7	6	6	17

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	5	8	17	22	33	31	19	3	3	3	4	13
03-05 LST	5	3	6	19	24	36	31	19	4	3	2	2	13
06-08 LST	4	3	7	15	24	41	35	17	5	4	3	4	13
09-11 LST	3	4	9	18	24	38	35	16	4	3	4	5	13
12-14 LST	3	3	6	13	18	30	30	15	4	1	3	4	11
15-17 LST	5	5	9	16	17	29	24	13	4	3	3	3	11
18-20 LST	4	4	10	17	19	32	30	15	5	4	4	4	12
21-23 LST	5	4	7	17	22	33	31	19	5	3	3	3	13
ALL HOURS	4	4	8	17	21	34	31	17	4	3	3	4	12

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	2	12	17	29	27	17	2	1	1	1	9
03-05 LST	2	1	1	14	20	31	28	16	2	0	#	1	10
06-08 LST	2	1	2	11	20	35	30	15	2	1	#	1	10
09-11 LST	2	2	4	11	20	32	30	13	2	#	0	2	10
12-14 LST	2	1	2	7	13	26	26	11	2	1	1	2	8
15-17 LST	2	1	5	10	12	24	20	9	1	1	1	1	7
18-20 LST	1	2	5	12	15	25	25	11	2	2	1	1	9
21-23 LST	1	2	4	10	18	28	28	14	3	1	1	1	9
ALL HOURS	1	1	3	11	17	29	27	13	2	1	1	1	9

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: CAPE ZOLOTAY, USSR
LOCATION: 47°19'N, 138°60'E
PREPARED BY: USAFETAC/BCR, JAN 1988

STATION #: 318290
ELEVATION (FEET): 85
PERIOD: 7301-8412

ICAO ID: N/A
LST - GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	0	#	0	0	#	#	0	0	#
03-05 LST	0	0	0	#	0	0	0	0	1	1	0	0	#
06-08 LST	#	0	0	0	0	0	0	0	0	0	0	0	#
09-11 LST	#	0	0	0	0	0	1	0	0	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	#	0	0	0	0	#
15-17 LST	0	0	#	0	1	0	0	0	#	0	0	0	#
18-20 LST	0	0	0	0	0	0	0	#	0	0	#	0	#
21-23 LST	#	0	0	0	1	1	0	#	#	0	0	0	#
ALL HOURS	#	0	#	#	#	#	#	#	#	#	#	0	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	4	12	17	10	11	11	5	2	1	6
03-05 LST	0	0	#	4	15	17	13	13	10	5	2	#	7
06-08 LST	1	0	#	3	13	16	12	13	9	4	2	1	6
09-11 LST	#	1	0	4	12	11	11	13	10	6	2	1	6
12-14 LST	0	0	#	3	10	10	6	11	8	5	1	1	5
15-17 LST	0	0	#	5	10	13	8	10	10	6	1	0	5
18-20 LST	1	#	#	5	12	15	8	10	11	6	3	#	6
21-23 LST	1	#	#	4	13	15	10	12	14	6	1	#	6
ALL HOURS	#	#	#	4	12	14	10	12	10	5	2	#	6

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	7	11	9	2	#	#	0	0	1	4	5	4
03-05 LST	6	5	10	8	2	#	#	0	0	2	4	3	3
06-08 LST	5	5	11	7	3	1	0	0	0	1	4	5	3
09-11 LST	6	6	13	7	3	0	0	0	0	#	5	6	4
12-14 LST	8	6	10	8	2	0	0	0	#	1	5	5	4
15-17 LST	6	8	9	10	3	1	0	0	0	1	3	5	4
18-20 LST	6	8	13	11	1	0	0	0	0	1	5	6	4
21-23 LST	7	9	14	11	1	0	0	0	0	1	4	4	4
ALL HOURS	6	7	11	9	2	#	#	0	#	1	4	5	4

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	6	5	4	7	5	1	3	7	4	4	7	5
03-05 LST	3	5	7	3	6	5	2	1	6	4	5	4	4
06-08 LST	4	6	6	2	7	3	1	2	5	4	4	5	4
09-11 LST	4	5	6	4	6	5	2	2	4	3	6	6	4
12-14 LST	4	5	5	5	6	5	2	3	5	6	5	5	5
15-17 LST	4	5	6	4	8	4	2	4	5	6	4	4	5
18-20 LST	4	5	6	4	7	4	2	2	5	6	5	4	4
21-23 LST	4	6	6	4	8	5	2	2	5	5	4	5	5
ALL HOURS	4	5	6	4	7	4	2	2	5	5	5	5	5

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, THREE HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	5	8	17	22	33	31	19	3	3	3	4	13
03-05 LST	5	3	6	19	24	35	31	19	4	3	2	2	13
06-08 LST	4	3	7	15	24	41	35	17	5	4	3	4	13
09-11 LST	3	4	9	18	24	38	35	16	4	3	4	5	13
12-14 LST	3	3	6	13	18	30	30	15	4	1	3	4	11
15-17 LST	5	5	9	16	17	29	24	13	4	3	3	3	11
18-20 LST	4	4	10	17	19	32	30	15	5	4	4	4	12
21-23 LST	5	4	7	17	22	33	31	19	5	3	3	3	13
ALL HOURS	4	4	8	17	21	34	31	17	4	3	3	4	12

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	5	8	16	20	31	30	18	3	1	2	3	12
03-05 LST	5	3	6	17	22	34	30	18	4	1	2	1	12
06-08 LST	4	3	7	13	22	38	33	17	4	3	2	4	12
09-11 LST	3	4	8	15	21	34	33	15	4	2	3	5	12
12-14 LST	3	3	6	11	16	28	28	13	4	1	3	3	10
15-17 LST	4	5	8	14	15	27	22	13	3	2	3	3	10
18-20 LST	4	4	10	15	17	30	28	15	3	3	4	3	11
21-23 LST	5	4	7	14	20	31	29	18	5	1	3	3	12
ALL HOURS	4	4	7	15	19	32	29	16	4	2	3	3	11

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	3	5	13	19	29	27	17	2	1	2	3	10
03-05 LST	3	1	3	16	21	31	28	18	3	1	#	1	11
06-08 LST	3	2	3	11	21	35	30	16	3	1	1	2	11
09-11 LST	3	2	5	12	21	33	30	13	3	1	1	3	11
12-14 LST	2	2	3	8	14	26	26	12	3	1	2	3	8
15-17 LST	3	2	6	11	13	25	20	11	2	1	1	2	8
18-20 LST	2	2	8	13	15	27	25	12	2	2	3	2	9
21-23 LST	2	2	6	11	19	29	28	16	3	1	1	2	10
ALL HOURS	3	2	5	12	18	29	27	14	3	1	1	2	10

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	9	16	28	27	16	2	1	1	1	9
03-05 LST	1	#	1	12	18	31	27	16	1	0	#	1	9
06-08 LST	1	1	1	9	20	33	30	14	2	1	0	1	9
09-11 LST	1	1	2	10	19	31	28	12	2	#	0	1	9
12-14 LST	1	1	2	6	12	24	25	11	1	#	1	1	7
15-17 LST	1	1	3	8	11	21	19	9	1	1	1	1	6
18-20 LST	1	1	3	8	14	24	25	11	2	1	1	#	8
21-23 LST	1	#	1	7	17	27	27	14	2	#	#	#	8
ALL HOURS	1	1	2	8	16	27	26	13	2	#	#	1	8

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DONETSK, UKRAINE
 LOCATION: 4804N 3747E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 345190
 ELEVATION (FEET): 850
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 3

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	52	59	70	86	88	92	93	93	86	81	64	63	93
MEAN DAILY MAX	1	27	28	39	56	68	74	77	76	67	53	39	31	53
MEAN	1	22	24	33	49	60	66	68	67	58	46	34	27	46
MEAN DAILY MIN	1	17	18	27	40	50	56	59	57	49	38	30	22	39
EXTREME MIN	1	-14	-14	-2	18	28	32	32	41	24	16	3	-5	-14
# DAYS GE 90	1	0	0	0	0	0	1	1	1	0	0	0	0	3
# DAYS LE 32	1	29	25	22	4	#	#	#	0	1	8	18	26	133
# DAYS LE 0	1	3	2	#	0	0	0	0	0	0	0	0	#	6
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	20	17	14	13	11	11	9	6	9	9	17	20	156
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	13	10	7	1	0	0	0	0	#	1	6	11	49
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (06 LST)	1	88	86	87	81	76	81	82	79	82	84	90	90	84
RH (15 LST)	1	80	74	66	51	46	49	48	43	48	58	77	83	60
VAPOR PRESS	1	.12	.12	.16	.23	.31	.41	.45	.41	.33	.24	.18	.15	.26
DEWPOINT	1	19	19	27	37	44	52	55	52	46	37	30	24	37
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	SE	ESE	E	E	SE	SE	\$W	\$E	\$E	E	ESE	ESE	\$E
MEAN SPEED														
(PVLG DRCTN)	1	13	17	14	13	11	9	10	10	11	12	14	14	12
MEAN SPEED														
(ALL OBS)	1	11	12	11	10	8	7	7	7	8	9	9	11	9
MAX PEAK GUST	1	39	45	35	39	37	35	0	0	35	0	37	41	45
PRESSURE ALT	1	1200	1550	1200	1150	950	1100	850	800	1150	1150	1250	1300	1550
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	5	5	4	4	4	3	4	4	6	6	5
DAYS TSTMS	1	#	#	#	1	5	9	8	4	2	1	#	#	31
DAYS FOG LT 7	1	27	23	25	19	11	14	13	13	16	22	27	27	237
DAYS BNBD LT 7	1	#	#	#	#	#	#	0	0	#	#	#	#	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(DONETSK, UKRAINE)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, 1 JAN 73-31 DEC 90, THREE HOURLY
2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	81	73	63	33	18	17	12	10	21	40	77	83	44
03-05 LST	80	74	66	40	23	24	20	15	23	46	78	83	48
06-08 LST	80	78	71	53	30	36	31	27	36	52	82	82	55
09-11 LST	88	82	77	55	25	25	25	26	42	64	88	87	57
12-14 LST	86	76	68	38	19	14	13	12	24	48	79	87	47
15-17 LST	80	67	56	30	14	12	8	9	15	33	71	81	40
18-20 LST	82	74	53	23	11	10	7	5	12	39	74	81	39
21-23 LST	80	72	62	31	15	14	10	8	22	41	76	81	43
ALL HOURS	82	74	64	38	19	19	16	14	25	45	78	83	46

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	76	70	60	30	17	17	12	9	20	35	72	79	41
03-05 LST	76	70	62	37	21	23	19	15	21	41	74	80	45
06-08 LST	76	74	67	51	28	35	31	27	35	46	77	79	52
09-11 LST	85	81	74	52	23	21	22	25	40	59	85	85	54
12-14 LST	84	73	62	29	12	8	7	9	17	41	74	84	42
15-17 LST	76	62	46	20	7	7	5	6	10	23	63	76	33
18-20 LST	79	69	46	18	7	8	5	5	9	33	68	75	35
21-23 LST	76	67	58	28	13	13	9	7	21	36	71	77	40
ALL HOURS	78	71	59	33	16	16	14	13	22	39	73	79	43

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	61	55	45	19	9	8	6	4	12	22	60	68	31
03-05 LST	61	55	47	25	14	12	11	8	14	26	58	69	33
06-08 LST	62	61	54	36	18	19	16	14	25	32	66	71	40
09-11 LST	71	68	61	32	11	9	9	11	22	39	73	74	40
12-14 LST	66	59	44	15	4	3	2	3	8	23	59	69	30
15-17 LST	57	45	27	10	3	3	1	2	6	12	47	62	23
18-20 LST	62	51	31	10	2	3	2	4	4	19	53	63	25
21-23 LST	60	50	40	16	7	5	3	3	10	23	56	66	28
ALL HOURS	62	55	43	21	9	8	6	6	13	25	59	68	31

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	17	9	2	1	1	1	1	2	3	17	24	8
03-05 LST	19	20	14	6	3	1	1	2	3	7	17	25	10
06-08 LST	19	20	18	10	4	2	3	3	6	10	20	27	12
09-11 LST	22	25	16	6	1	1	1	1	3	10	25	31	12
12-14 LST	15	15	9	2	#	#	0	#	#	3	13	22	7
15-17 LST	12	10	4	2	#	#	1	1	0	1	9	18	5
18-20 LST	16	14	6	1	0	#	0	#	#	2	11	21	6
21-23 LST	17	13	6	2	1	1	#	#	1	2	12	21	6
ALL HOURS	17	17	10	4	1	1	1	1	2	5	16	24	8

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DONETSK, UKRAINE
 LOCATION: 4804N 3747E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 345190
 ELEVATION (FEET): 850
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	#	0	2	1	1	0	0	0	0	#
03-05 LST	0	0	#	#	#	1	1	1	#	1	0	0	#
06-08 LST	#	0	0	0	1	#	1	#	0	0	0	0	#
09-11 LST	0	0	0	#	0	2	1	1	1	#	0	#	#
12-14 LST	0	0	0	0	1	4	2	1	1	0	0	#	1
15-17 LST	0	0	0	1	3	8	5	2	1	0	0	#	2
18-20 LST	0	#	0	#	3	6	3	2	1	#	#	0	1
21-23 LST	#	0	#	#	1	4	4	1	#	#	0	0	1
ALL HOURS	#	#	#	#	1	3	2	1	#	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	6	8	9	5	3	4	4	4	5	12	11	7
03-05 LST	7	6	6	9	5	5	4	3	3	5	11	10	6
06-08 LST	6	7	6	10	5	5	3	2	6	6	11	9	6
09-11 LST	6	6	5	10	7	5	4	3	4	6	8	9	6
12-14 LST	6	5	6	9	7	6	5	4	5	5	8	6	6
15-17 LST	6	4	5	10	8	9	5	5	5	4	8	7	6
18-20 LST	6	3	5	11	8	9	5	4	7	4	8	9	7
21-23 LST	6	6	6	10	8	6	6	3	6	5	9	11	7
ALL HOURS	7	6	6	10	7	6	4	4	5	5	9	9	6

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	17	8	1	0	0	0	0	0	1	7	13	5
03-05 LST	15	17	8	2	0	0	0	0	0	1	7	12	5
06-08 LST	19	17	9	1	0	0	0	0	0	1	6	11	5
09-11 LST	16	18	10	1	#	0	0	0	0	1	8	13	6
12-14 LST	17	15	9	2	0	0	0	0	0	1	6	15	5
15-17 LST	16	9	7	1	0	0	0	0	#	1	5	13	4
18-20 LST	15	13	7	1	0	0	0	0	0	#	5	12	4
21-23 LST	16	13	7	1	0	0	0	0	0	1	8	11	5
ALL HOURS	16	15	8	1	#	0	0	0	#	1	7	12	5

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	6	4	1	1	0	0	#	#	1	2	3	2
03-05 LST	4	5	3	1	1	0	1	#	0	1	2	3	2
06-08 LST	4	5	3	1	#	0	#	#	0	1	2	3	2
09-11 LST	3	4	3	2	1	#	0	#	1	1	1	2	2
12-14 LST	4	7	4	3	1	#	1	#	1	3	2	4	2
15-17 LST	3	7	6	3	2	1	1	1	1	1	2	4	3
18-20 LST	4	5	4	3	1	1	#	#	#	1	2	3	2
21-23 LST	2	7	3	1	#	#	1	#	0	1	2	3	2
ALL HOURS	3	6	4	2	1	#	#	#	#	1	2	3	2

(DONETSK, UKRAINE)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
‡ - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, 1 JAN 73-31 DEC 90, THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	57	52	42	17	8	8	6	4	11	21	55	65	29
03-05 LST	56	53	44	23	13	12	10	8	13	24	56	65	31
06-08 LST	58	57	52	34	17	19	16	13	24	31	62	67	38
09-11 LST	69	66	58	31	9	8	8	10	21	37	67	71	38
12-14 LST	62	56	41	14	4	2	2	3	7	19	55	66	28
15-17 LST	53	43	24	8	2	3	1	2	5	11	43	58	21
18-20 LST	59	49	29	9	2	3	2	3	3	18	49	59	24
21-23 LST	58	48	36	15	6	4	3	3	9	22	51	63	27
ALL HOURS	59	53	41	19	8	7	6	6	12	23	55	64	29

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	48	42	30	12	5	4	3	3	7	14	41	52	22
03-05 LST	46	43	32	16	9	7	6	6	10	17	43	54	24
06-08 LST	48	46	42	29	14	14	12	11	17	23	45	55	30
09-11 LST	58	55	47	22	5	5	4	6	14	28	56	62	30
12-14 LST	52	45	28	9	2	1	1	1	4	13	42	55	21
15-17 LST	43	33	18	6	1	1	1	1	2	7	33	47	16
18-20 LST	48	39	21	5	1	2	1	2	1	12	38	49	18
21-23 LST	47	39	25	10	3	2	2	2	6	15	39	50	20
ALL HOURS	49	43	30	14	5	4	4	4	8	16	42	53	23

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	30	18	7	3	2	1	1	4	8	29	40	15
03-05 LST	32	30	23	9	5	3	3	4	5	11	31	38	16
06-08 LST	33	33	28	18	9	7	8	6	11	15	32	41	20
09-11 LST	38	40	33	13	3	2	2	2	5	17	40	49	20
12-14 LST	35	29	17	4	1	1	#	#	1	8	27	39	13
15-17 LST	24	22	10	2	1	#	1	1	1	3	20	33	10
18-20 LST	30	28	12	2	#	1	1	1	1	7	24	35	12
21-23 LST	31	25	14	5	1	1	1	1	4	7	27	36	13
ALL HOURS	32	30	19	7	3	2	2	2	4	10	29	39	15

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	12	5	1	1	1	#	#	1	2	9	16	5
03-05 LST	11	13	9	4	2	1	1	1	2	4	10	18	6
06-08 LST	12	15	12	6	3	2	2	2	4	7	14	19	8
09-11 LST	14	17	11	4	1	1	#	1	2	8	17	21	8
12-14 LST	10	10	6	1	0	#	0	0	0	1	9	17	5
15-17 LST	7	6	3	1	0	#	#	#	0	1	6	12	3
18-20 LST	8	8	4	#	0	#	0	#	#	#	7	14	3
21-23 LST	9	9	3	1	#	#	#	#	1	1	7	15	4
ALL HOURS	10	11	7	2	1	1	1	1	1	3	10	16	5

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PEODOSIYA, USSR
LOCATION: 4502N 3524E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 339760
ELEVATION (FEET): 85
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1	72	68	68	79	89	91	92	92	90	88	66	92
MEAN DAILY MAX	1	38	38	44	56	66	75	79	78	71	60	49	58
MEAN	1	34	34	40	51	61	69	73	72	65	54	44	53
MEAN DAILY MIN	1	30	30	35	45	55	62	66	66	58	49	40	48
EXTREME MIN	1	3	1	9	28	34	46	46	54	30	28	24	1
# DAYS GE 90	1	0	0	0	0	0	0	1	1	0	0	0	2
# DAYS LE 32	1	17	17	10	0	0	0	0	0	1	5	12	62
# DAYS LE 0	1	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM	2	3.8	3.5	3.3	3.4	4.4	5.2	3.5	4.0	3.7	2.2	4.7	26.7
MEAN	2	1.1	1.1	1.2	1.3	1.3	2.2	2.2	1.3	1.4	1.0	1.3	17
MINIMUM	2	1.3	0.3	0.4	0	0.5	0.3	0.4	0.1	0.2	0	0.4	14.2
MAX 24 HR	2	0.8	1.1	0.8	2.1	1.9	1.7	1.7	1.3	1.0	0.8	1.7	2.1
# DAYS GE 0.004	2	15	13	10	7	8	8	6	6	6	6	12	112
# DAYS GE 0.5	2	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 0.1	2	11	10	6	1	0	0	0	0	0	3	7	38
# DAYS GE 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (6 LST)	1	83	84	85	81	80	74	74	75	77	83	84	80
RH (15 LST)	1	77	74	71	65	61	57	54	56	57	64	73	66
VAPOR PRESS	1	.18	.17	.20	.28	.39	.48	.53	.53	.44	.34	.25	.33
DEWPOINT	1	29	28	34	42	51	56	59	59	54	46	38	44
5. SURFACE WINDS 16 KT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCN	1	NW	NW	NW	NW	SW	W	W	NW	W	NW	NW	NW
MEAN SPEED	1	8	9	7	7	6	6	7	7	6	7	7	7
(PVLG DRCN)	1	8	9	7	7	6	6	7	7	6	7	7	7
MEAN SPEED	1	8	9	7	7	6	6	7	7	7	7	8	7
(ALL OBS)	1	0	0	0	0	0	0	0	0	0	0	0	0
MAX PEAK GUST	1	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	1120	1100	1000	950	800	850	850	500	450	550	600	1120
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	6	5	5	4	3	3	2	3	4	5	4
DAYS TSTMS	1	0	0	0	1	2	4	6	5	2	1	0	21
DAYS FOG LT 1	1	1	1	2	1	0	0	0	0	1	1	1	8
DAYS FOG LT 7	1	17	17	19	16	11	7	5	5	7	16	18	152
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
 APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV, JAN 73 - DEC 86, 3 HRLY
 2. National Intelligence Survey 26 SW, Using Simferopol data, POR Varied.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	62	62	57	39	25	15	9	11	17	39	55	65	38
06-08 LST	67	68	61	60	44	31	24	23	22	39	59	67	47
09-11 LST	75	77	75	59	39	27	23	25	36	61	76	77	54
12-14 LST	65	68	62	48	37	31	32	27	29	45	57	66	47
15-17 LST	63	61	56	42	34	31	32	28	27	41	63	65	45
18-20 LST	61	62	51	43	30	20	22	20	22	40	58	67	41
21-23 LST	66	54	50	30	27	22	14	13	18	36	55	63	37
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	26	30	29	14	10	2	2	1	3	12	18	27	14
06-08 LST	31	32	32	41	30	19	13	14	6	15	19	28	23
09-11 LST	51	63	60	43	26	17	10	11	24	44	51	55	38
12-14 LST	44	51	42	25	19	9	6	5	8	25	34	43	26
15-17 LST	40	40	34	19	15	8	5	4	4	18	31	34	21
18-20 LST	35	41	31	19	12	5	2	4	6	21	26	26	19
21-23 LST	28	24	22	9	11	7	4	2	1	9	17	26	13
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	9	8	8	3	3	1	#	0	1	3	5	7	4
06-08 LST	8	8	9	4	5	2	1	1	1	2	5	7	4
09-11 LST	10	17	16	7	5	2	1	1	2	9	12	11	8
12-14 LST	11	17	10	5	1	2	1	0	1	5	9	12	6
15-17 LST	11	12	8	4	1	1	2	1	#	3	6	8	5
18-20 LST	11	13	6	4	2	2	#	1	1	2	6	8	5
21-23 LST	8	6	7	2	#	1	#	#	1	3	3	7	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	3	2	3	1	2	0	#	0	#	1	2	2	1
06-08 LST	2	2	4	2	2	1	#	1	0	0	2	2	1
09-11 LST	2	6	7	2	2	1	#	1	1	3	4	3	3
12-14 LST	2	6	2	1	#	1	#	0	1	#	3	4	2
15-17 LST	4	2	1	#	1	#	#	1	0	1	1	1	1
18-20 LST	2	3	1	1	1	1	0	1	1	0	1	2	1
21-23 LST	1	2	3	#	#	1	0	0	#	1	1	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: PEODOSIYA, USSR
LOCATION: 4502N 3524E
PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 339760
ELEVATION (FEET): 85
PERIOD: 7301-8612

ICAO: N/A
LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	0	0	0	0	1	#	2	1	#	0	0	0	#
06-08 LST	0	0	0	#	0	1	2	0	1	#	0	0	#
09-11 LST	0	0	0	0	#	1	1	2	0	#	#	0	#
12-14 LST	0	0	0	0	#	1	2	2	1	#	0	0	#
15-17 LST	0	0	0	0	#	2	4	4	1	#	0	0	1
18-20 LST	0	0	0	0	#	1	2	1	1	#	0	0	#
21-23 LST	0	0	0	0	#	1	1	1	#	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	7	5	8	7	6	3	2	1	2	3	9	7	5
06-08 LST	8	7	8	9	6	3	3	2	5	4	8	9	6
09-11 LST	8	6	8	10	7	4	2	4	3	6	8	11	6
12-14 LST	9	7	8	9	7	3	3	6	3	5	6	12	6
15-17 LST	6	5	6	9	4	5	8	5	2	5	6	10	6
18-20 LST	6	7	5	7	6	5	6	4	3	5	6	9	6
21-23 LST	7	5	5	7	5	2	2	2	3	3	6	9	5
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	5	7	1	0	0	0	0	0	0	0	0	2	1
06-08 LST	5	8	3	0	0	0	0	0	0	0	0	2	2
09-11 LST	8	11	5	#	0	0	0	0	0	0	1	4	2
12-14 LST	10	10	3	0	0	0	0	0	0	0	1	6	2
15-17 LST	11	11	5	0	0	0	0	0	0	#	2	5	3
18-20 LST	8	9	5	0	0	#	0	0	0	#	1	4	2
21-23 LST	7	6	2	#	0	0	0	0	#	#	1	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	2	1	0	#	0	#	1	0	1	1	2	1
06-08 LST	1	1	1	0	#	#	#	1	0	#	1	1	1
09-11 LST	1	1	1	1	#	0	1	1	#	1	1	1	1
12-14 LST	2	3	#	#	#	#	#	0	0	1	2	3	1
15-17 LST	2	3	1	1	1	0	1	#	1	1	1	2	1
18-20 LST	2	2	2	1	1	1	#	#	#	0	2	1	1
21-23 LST	1	3	1	#	1	#	#	#	1	2	1	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV, JAN 73 - DEC 86, 3 HRLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	9	8	8	3	3	1	#	0	1	3	5	7	4
06-08 LST	8	8	9	4	5	2	1	1	1	2	5	7	4
09-11 LST	10	17	16	7	5	2	1	1	2	9	12	11	8
12-14 LST	11	17	10	5	1	2	1	0	1	5	9	12	6
15-17 LST	11	12	8	4	1	1	2	1	#	3	6	8	5
18-20 LST	11	13	6	4	2	2	#	1	1	2	6	8	5
21-23 LST	8	6	7	2	#	1	#	#	1	3	3	7	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	8	7	7	3	3	#	#	0	1	3	4	6	4
06-08 LST	6	6	8	4	5	2	1	1	1	2	5	6	4
09-11 LST	10	17	16	7	5	1	1	1	2	8	11	11	7
12-14 LST	11	17	10	5	1	1	1	0	1	5	9	12	6
15-17 LST	11	12	7	4	1	1	2	1	#	3	6	8	5
18-20 LST	10	12	6	3	2	2	#	1	1	2	5	7	4
21-23 LST	6	5	7	2	#	1	#	#	1	3	3	6	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	6	6	6	2	2	#	#	0	#	3	2	3	3
06-08 LST	4	5	7	3	3	1	1	1	#	1	4	4	3
09-11 LST	7	13	12	6	4	1	1	1	1	7	9	9	6
12-14 LST	10	14	8	4	#	1	#	0	1	3	8	12	5
15-17 LST	8	9	5	3	1	1	1	1	0	2	3	6	3
18-20 LST	8	9	4	3	1	2	0	1	1	1	4	5	3
21-23 LST	4	5	4	1	#	1	#	#	1	2	2	5	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	2	1	2	1	1	0	#	0	0	#	2	1	1
06-08 LST	1	1	3	2	2	#	#	1	0	0	2	1	1
09-11 LST	1	4	6	2	1	1	#	#	1	2	4	2	2
12-14 LST	1	4	2	1	#	#	#	0	1	#	3	4	1
15-17 LST	2	2	#	#	1	0	#	1	0	1	1	1	1
18-20 LST	2	2	1	1	1	1	0	1	1	0	1	1	1
21-23 LST	1	2	2	#	#	1	0	0	#	1	1	1	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

ICAO: UKHH
LST = GMT + 3

510

(KHARKOV, UKRAINE)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY
2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	76	65	61	37	23	25	22	24	36	49	74	80	48
03-05 LST	77	66	66	43	30	31	32	33	41	52	78	80	52
06-08 LST	79	73	73	57	42	47	50	52	60	59	81	81	63
09-11 LST	83	81	79	59	34	35	41	45	58	68	85	85	63
12-14 LST	80	74	69	46	27	26	29	24	41	59	83	84	54
15-17 LST	77	68	63	46	28	25	25	23	36	47	75	82	50
18-20 LST	75	68	56	38	24	20	21	15	29	51	77	79	46
21-23 LST	74	64	60	35	19	19	16	18	29	48	76	78	45
ALL HOURS	78	70	66	45	28	29	30	29	41	54	79	81	53

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	69	58	52	30	18	21	18	21	30	38	66	72	41
03-05 LST	70	61	57	35	23	26	28	30	36	43	68	74	46
06-08 LST	72	66	66	51	38	43	47	49	53	50	74	75	57
09-11 LST	77	76	72	51	28	31	36	43	55	61	78	79	57
12-14 LST	76	68	59	31	13	14	15	14	27	45	73	77	43
15-17 LST	71	59	47	20	9	9	7	10	17	30	62	75	35
18-20 LST	68	61	45	19	9	9	6	7	16	37	66	73	35
21-23 LST	66	55	48	25	11	11	10	14	23	36	63	71	36
ALL HOURS	71	63	56	33	19	20	21	23	32	43	69	74	44

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	48	41	33	16	6	8	6	6	16	22	48	54	25
03-05 LST	52	46	38	21	11	14	12	13	20	27	49	57	30
06-08 LST	54	49	45	30	18	23	22	24	28	34	54	59	37
09-11 LST	61	55	50	26	9	9	11	13	26	38	59	62	35
12-14 LST	54	46	32	14	4	4	4	4	8	21	47	58	25
15-17 LST	45	34	24	8	3	2	1	2	4	11	37	48	18
18-20 LST	44	35	21	9	3	2	2	2	6	18	40	51	19
21-23 LST	44	36	28	12	4	4	3	4	9	18	42	53	22
ALL HOURS	50	43	34	17	7	8	8	9	15	24	47	55	26

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	7	5	2	#	#	1	#	1	2	10	13	4
03-05 LST	11	10	9	3	1	1	1	1	3	5	11	10	5
06-08 LST	9	12	12	5	2	4	2	2	7	7	11	13	7
09-11 LST	11	13	11	3	#	#	#	#	2	6	13	14	6
12-14 LST	8	7	5	1	0	#	0	#	#	2	8	12	4
15-17 LST	6	4	1	1	#	#	#	#	#	0	6	8	2
18-20 LST	5	6	3	1	#	#	#	#	#	#	5	10	3
21-23 LST	9	6	4	#	#	#	#	#	#	1	7	13	3
ALL HOURS	9	8	6	2	1	1	1	1	2	3	9	12	4

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KHARKOV, UKRAINE
 LOCATION: 4956N 3618E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 343000
 ELEVATION (FEET): 499
 PERIOD: 7301-9012

ICAO: UKHH
 LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	0	#	1	1	2	1	1	1	0	0	1
03-05 LST	0	#	#	#	1	1	1	1	#	0	0	0	#
06-08 LST	0	0	0	#	#	1	1	1	0	#	0	0	#
09-11 LST	#	0	0	0	#	#	1	1	1	#	#	#	#
12-14 LST	0	0	0	0	0	1	1	#	#	#	0	#	#
15-17 LST	0	0	#	#	3	6	4	2	1	0	0	0	1
18-20 LST	#	0	0	#	5	5	5	2	1	0	#	0	2
21-23 LST	#	0	#	#	2	4	3	2	#	#	#	0	1
ALL HOURS	#	#	#	#	1	2	2	1	1	#	#	#	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	7	6	8	6	6	6	5	8	8	10	9	7
03-05 LST	6	7	6	8	9	8	6	4	8	8	11	11	8
06-08 LST	5	6	5	7	7	6	7	4	7	8	10	12	7
09-11 LST	7	4	7	10	7	6	6	7	5	7	12	13	8
12-14 LST	7	3	5	10	7	7	7	5	6	7	8	10	7
15-17 LST	5	3	6	10	9	8	6	6	9	4	8	8	7
18-20 LST	5	6	6	9	11	7	8	6	9	7	9	9	8
21-23 LST	4	6	8	11	7	6	7	5	7	8	9	10	7
ALL HOURS	6	5	6	9	8	7	7	5	7	7	10	10	7

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	15	8	2	0	0	0	0	0	2	8	15	6
03-05 LST	17	14	8	3	0	0	0	0	0	1	7	15	5
06-08 LST	19	16	7	2	0	#	0	0	#	1	10	13	6
09-11 LST	22	23	12	1	0	0	0	0	0	1	10	15	7
12-14 LST	21	19	8	1	0	0	0	0	0	1	11	19	7
15-17 LST	20	15	9	#	0	0	0	#	#	2	8	18	6
18-20 LST	14	12	8	1	0	#	0	#	0	1	6	13	5
21-23 LST	15	13	7	1	0	0	0	0	0	1	7	12	5
ALL HOURS	18	16	9	2	0	#	0	#	#	1	8	15	6

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	0	0	0	0	0	0	0	0	#	1	#
03-05 LST	#	1	#	0	#	#	0	#	0	0	0	1	#
06-08 LST	1	1	1	#	#	0	0	0	0	#	1	1	#
09-11 LST	1	#	1	1	1	0	#	#	#	1	1	1	1
12-14 LST	1	1	1	#	1	#	#	0	#	#	#	#	#
15-17 LST	1	#	1	1	1	0	1	#	0	#	0	#	#
18-20 LST	#	1	1	#	1	0	0	#	0	#	0	#	#
21-23 LST	1	1	1	#	#	0	1	1	#	0	1	1	#
ALL HOURS	1	1	1	#	#	#	#	#	#	#	#	1	#

(KHARKOV, UKRAINE)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	43	38	30	15	5	8	6	6	15	21	43	49	23
03-05 LST	47	43	36	20	10	14	11	12	19	25	45	51	28
06-08 LST	50	45	42	28	16	22	21	24	27	32	50	54	34
09-11 LST	57	53	46	23	7	8	11	12	24	36	55	57	32
12-14 LST	50	44	29	12	2	3	3	3	7	19	43	52	22
15-17 LST	41	31	22	7	2	2	1	2	4	9	33	44	16
18-20 LST	41	33	20	7	2	2	2	2	6	17	37	47	18
21-23 LST	41	33	25	11	3	4	3	4	8	17	38	48	19
ALL HOURS	46	40	31	15	6	8	7	8	14	22	43	50	24

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	35	32	25	11	3	6	4	5	12	17	35	41	19
03-05 LST	39	36	31	16	7	12	8	11	15	21	38	41	23
06-08 LST	42	40	37	25	12	19	18	21	22	28	43	46	29
09-11 LST	50	47	40	18	5	5	7	9	18	31	48	46	27
12-14 LST	42	37	23	8	1	1	2	2	4	14	34	42	17
15-17 LST	34	25	18	4	1	1	#	1	2	7	27	34	13
18-20 LST	36	26	17	4	1	1	1	1	3	14	31	40	15
21-23 LST	36	29	21	8	2	3	2	3	6	14	29	39	16
ALL HOURS	39	34	27	12	4	6	5	7	11	18	36	41	20

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	18	12	4	1	1	1	1	4	6	19	23	9
03-05 LST	21	18	16	7	3	4	2	3	5	10	23	24	11
06-08 LST	22	23	23	14	5	10	6	10	14	15	24	24	16
09-11 LST	27	27	22	7	1	1	1	2	6	16	27	29	14
12-14 LST	20	18	11	2	1	#	#	1	1	5	16	24	8
15-17 LST	15	11	6	2	1	#	#	1	1	2	14	19	6
18-20 LST	17	14	8	2	#	#	1	1	1	3	13	19	7
21-23 LST	18	14	8	2	1	1	#	1	1	5	14	21	7
ALL HOURS	20	18	13	5	2	2	1	2	4	8	19	23	10

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	4	4	1	#	#	#	#	1	1	7	9	3
03-05 LST	6	6	6	2	1	1	#	1	2	3	7	6	3
06-08 LST	5	7	8	3	1	2	2	1	4	4	6	8	4
09-11 LST	6	8	7	2	#	#	0	0	1	4	9	9	4
12-14 LST	4	4	3	#	0	0	0	#	0	1	5	7	2
15-17 LST	2	2	1	#	#	#	#	#	#	0	2	6	1
18-20 LST	2	3	1	1	#	0	0	#	#	#	3	5	1
21-23 LST	5	3	2	0	#	#	0	#	#	#	5	7	2
ALL HOURS	5	5	4	1	#	#	#	#	1	2	5	7	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KIEV/ZHULYANY, UKRAINE
 LOCATION: 5024N 3028E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 333450
 ELEVATION (FEET): 587
 PERIOD: 5901-8812

ICAO: UKKK
 LST = GMT + 3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	49	47	70	77	88	91	91	86	77	59	54	91
MEAN DAILY MAX	1	25	27	37	53	66	71	73	64	52	38	30	51
MEAN	1	21	23	32	47	58	64	66	56	46	35	27	45
MEAN DAILY MIN	1	16	18	26	39	49	55	57	48	39	31	23	38
EXTREME MIN	1	-24	-17	-16	18	30	39	45	36	28	21	-3	-24
# DAYS GE 90	1	0	0	0	0	0	#	1	#	0	0	0	1
# DAYS LE 32	1	30	27	24	6	#	0	0	#	6	17	26	135
# DAYS LE 0	1	4	3	#	0	0	0	0	0	0	#	1	8
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.5	1.3	1.8	1.8	2.0	3.1	3.0	1.9	2.0	2.2	1.4	23.4
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	20	18	15	12	12	11	11	10	10	11	17	168
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	16	14	8	2	#	0	0	0	0	1	6	13
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (6 LST)	1	87	87	88	83	83	86	89	89	89	90	89	87
RH (15 LST)	1	81	77	71	55	50	51	54	54	56	66	81	65
VAPOR PRESS	1	.11	.11	.15	.22	.32	.40	.45	.44	.34	.26	.19	.26
DEWPOINT	1	17	19	26	36	46	52	55	54	47	40	31	37
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	W	W	W	E	SE	W	W	SW	W	W	W	W
MEAN SPEED													
(PVLG DRCTN)	1	10	10	10	9	8	8	8	8	8	9	10	9
MEAN SPEED													
(ALL OBS)	1	9	9	9	9	8	7	7	7	7	8	9	8
MAX PEAK GUST	1	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	1450	1450	1300	1300	1350	1250	1150	1050	1150	1050	1300	1400
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	6	6	6	5	5	4	4	4	4	5	6	5
DAYS TSTMS	1	#	#	#	1	5	7	7	5	2	#	#	27
DAYS FOG LT 7	1	25	22	23	16	11	11	13	15	16	23	25	224
DAYS BNBD LT 7	1	0	#	#	#	#	#	#	#	#	0	0	1
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	

(KIEV/ZHULYANY, UKRAINE)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 59 - DEC 88, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, JAN 60, 18 YEARS OF RECORD

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	83	81	77	62	47	49	53	52	55	67	84	87	67
03-05 LST	83	84	80	67	54	59	58	59	62	70	85	86	71
06-08 LST	85	86	84	59	35	35	40	44	63	74	85	88	65
09-11 LST	85	84	76	51	26	25	29	31	45	67	82	85	57
12-14 LST	81	80	69	37	22	22	22	21	32	56	79	82	50
15-17 LST	74	71	58	33	16	13	15	16	23	42	71	79	42
18-20 LST	77	68	53	26	13	11	12	10	17	40	79	84	41
21-23 LST	85	82	75	59	21	12	13	31	55	67	84	87	56
ALL HOURS	82	79	72	49	29	28	30	33	44	61	81	85	56

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	78	77	74	60	46	48	51	51	54	64	78	82	64
03-05 LST	80	81	78	64	52	58	57	57	61	66	79	82	68
06-08 LST	80	82	81	55	32	34	39	43	61	70	78	82	61
09-11 LST	80	80	74	48	23	22	27	29	44	62	77	80	54
12-14 LST	77	75	61	30	13	12	12	13	23	47	72	77	43
15-17 LST	68	64	49	25	8	8	8	8	13	31	61	72	35
18-20 LST	72	63	45	20	9	7	8	7	12	33	71	78	35
21-23 LST	81	79	72	56	18	10	11	29	53	64	79	82	53
ALL HOURS	77	75	67	45	25	25	27	30	40	55	74	79	52

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	49	44	35	18	7	7	9	11	15	23	46	53	26
03-05 LST	51	48	41	26	11	12	15	15	19	26	48	53	30
06-08 LST	54	53	46	30	16	18	20	23	25	35	51	56	36
09-11 LST	59	59	53	26	10	9	12	13	24	42	59	59	35
12-14 LST	57	52	38	16	6	4	4	6	11	26	51	58	27
15-17 LST	44	37	27	11	4	4	3	4	5	14	42	50	20
18-20 LST	46	36	26	9	3	3	4	4	5	17	44	50	21
21-23 LST	48	40	32	16	5	4	5	5	14	23	45	53	24
ALL HOURS	51	46	37	19	8	8	9	10	15	26	48	54	28

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	7	2	#	1	1	1	2	4	13	14	5
03-05 LST	12	10	9	4	1	1	2	1	2	6	16	15	7
06-08 LST	11	13	11	8	2	1	2	4	4	9	17	13	8
09-11 LST	15	15	13	4	1	#	1	1	4	11	18	15	8
12-14 LST	11	11	7	2	#	1	#	#	1	5	13	13	5
15-17 LST	7	6	3	1	#	#	#	#	#	2	9	12	4
18-20 LST	8	8	4	1	#	#	#	#	1	2	10	11	4
21-23 LST	10	7	5	1	1	#	#	#	1	3	13	13	4
ALL HOURS	10	10	7	3	1	1	1	1	2	5	14	13	6

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: KIEV/ZHULYANY, UKRAINE
 LOCATION: 5024N 3028E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 333450
 ELEVATION (FEET): 587
 PERIOD: 5901-8812

ICAO: UKKK
 LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	#	1	2	3	1	#	#	0	0	1
03-05 LST	#	#	0	#	#	1	2	1	#	0	0	#	#
06-08 LST	0	0	0	0	#	1	1	1	#	0	0	0	#
09-11 LST	#	0	#	0	0	0	#	#	#	0	0	0	#
12-14 LST	0	#	0	0	#	1	1	#	0	#	0	0	#
15-17 LST	#	0	0	#	2	4	2	2	#	0	#	0	1
18-20 LST	0	0	#	#	3	3	4	3	#	#	0	0	1
21-23 LST	#	0	#	1	2	3	3	2	1	0	0	0	1
ALL HOURS	#	#	#	#	1	2	2	1	#	0	0	0	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	5	4	9	8	6	8	6	7	5	10	8	7
03-05 LST	4	5	6	7	8	7	6	6	6	6	11	7	7
06-08 LST	4	6	6	9	7	6	9	8	6	9	11	9	8
09-11 LST	5	5	7	10	7	5	6	6	7	7	15	7	7
12-14 LST	3	5	7	9	6	6	5	5	6	6	11	8	6
15-17 LST	3	4	7	10	9	7	7	7	7	7	11	7	7
18-20 LST	4	5	5	11	7	8	8	6	7	8	11	8	8
21-23 LST	4	5	6	11	8	9	7	7	8	8	13	9	8
ALL HOURS	4	5	6	10	7	7	7	6	7	7	12	8	7

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	20	10	1	0	0	0	0	0	1	7	17	7
03-05 LST	22	22	11	2	0	#	0	0	0	1	7	16	7
06-08 LST	22	24	12	2	#	0	0	0	0	1	6	18	7
09-11 LST	25	23	15	3	#	0	0	0	0	1	8	16	8
12-14 LST	29	25	13	2	0	#	0	0	0	1	8	21	8
15-17 LST	23	19	10	2	#	0	0	0	0	1	8	19	7
18-20 LST	19	17	9	2	0	0	0	0	0	1	7	17	6
21-23 LST	19	18	8	2	0	0	0	0	0	1	8	15	6
ALL HOURS	23	21	11	2	#	#	0	0	0	1	7	18	7

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	#	#	#	#	0	#	0	0	#	#	#
03-05 LST	1	1	#	#	#	#	0	0	0	#	#	#	#
06-08 LST	2	#	#	#	0	#	0	0	0	#	#	#	#
09-11 LST	1	#	#	0	0	0	#	#	0	0	#	#	#
12-14 LST	1	1	1	#	0	#	0	#	0	#	1	#	#
15-17 LST	1	#	1	1	#	#	#	#	0	#	1	1	#
18-20 LST	1	1	1	#	0	#	0	#	0	0	#	#	#
21-23 LST	1	0	#	#	0	#	0	#	0	0	#	1	#
ALL HOURS	1	#	#	#	#	#	#	#	0	#	#	#	#

(KIEV/ZHULYANY, UKRAINE)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 59 - DEC 88, THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	46	42	33	18	6	6	8	10	14	22	44	51	25
03-05 LST	49	45	39	23	11	11	14	14	18	24	45	48	28
06-08 LST	51	50	44	29	15	17	19	22	23	33	48	52	34
09-11 LST	56	57	50	24	9	7	11	12	22	40	56	56	33
12-14 LST	54	50	36	15	5	4	3	6	10	24	48	55	26
15-17 LST	41	36	25	10	3	3	2	3	5	14	39	46	19
18-20 LST	43	34	25	8	2	2	3	3	4	16	43	48	19
21-23 LST	46	37	30	16	4	4	4	4	13	21	43	49	23
ALL HOURS	48	44	35	18	7	7	8	9	13	24	46	51	26

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	32	24	9	3	4	3	4	9	13	33	35	17
03-05 LST	35	34	29	15	6	7	7	8	12	17	36	34	20
06-08 LST	38	38	32	20	10	8	11	14	15	23	36	38	23
09-11 LST	45	45	39	18	5	2	4	7	12	31	44	40	24
12-14 LST	41	39	27	7	2	1	1	2	5	15	37	40	18
15-17 LST	29	25	17	5	1	2	1	1	3	7	30	32	13
18-20 LST	30	24	18	5	1	1	1	2	3	10	33	33	13
21-23 LST	31	26	20	8	2	2	2	2	7	12	32	34	15
ALL HOURS	35	33	26	11	4	3	4	5	8	16	35	36	18

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	17	12	5	1	1	1	1	4	7	20	20	9
03-05 LST	20	19	16	8	3	4	3	3	5	10	24	23	11
06-08 LST	20	22	19	11	4	3	4	6	9	14	22	22	13
09-11 LST	26	26	23	8	2	1	1	3	6	18	27	25	14
12-14 LST	22	20	14	3	1	1	#	1	1	7	23	23	10
15-17 LST	15	13	8	2	#	1	#	#	1	3	16	20	7
18-20 LST	17	14	10	3	#	1	1	#	1	4	19	18	7
21-23 LST	17	12	11	3	1	#	1	#	2	6	20	20	8
ALL HOURS	19	18	14	5	2	1	1	2	4	9	21	21	10

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	5	5	1	#	#	#	#	1	2	7	9	3
03-05 LST	7	5	5	3	1	1	1	1	1	5	9	9	4
06-08 LST	6	8	8	5	1	1	1	2	2	6	12	8	5
09-11 LST	9	10	10	3	#	0	1	1	2	8	11	9	5
12-14 LST	7	6	4	1	#	#	0	0	#	2	9	8	3
15-17 LST	5	3	1	1	#	#	0	#	#	1	6	8	2
18-20 LST	4	4	2	1	#	#	#	#	#	1	5	7	2
21-23 LST	4	5	3	#	1	#	#	#	#	1	6	7	2
ALL HOURS	6	6	5	2	#	#	#	1	1	3	8	8	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: L'VOV, USSR
 LOCATION: 49°49'N, 23°57'E
 PREPARED BY: USAFETAC/ECO, Jan 1989

STATION #: 333930
 ELEVATION (FEET): 1066
 PERIOD: 7301-8612

ICAO ID: UKLL
 LST - GMT + 3

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX 1-2	54	58	72	86	89	94	96	99	86	77	74	58	99
MEAN DLY MAX 1	29	29	41	52	63	67	69	70	63	53	40	33	51
MEAN 1	25	25	35	45	56	60	62	62	56	46	36	29	45
MEAN DLY MIN 1	20	20	29	38	47	52	54	53	48	39	31	25	38
EXTREME MIN 1-2	-19	-28	-6	18	28	29	42	40	28	10	-6	-12	-28
# DAYS > 90 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32 1	28	25	21	6	1	0	0	0	1	6	18	25	131
# DAYS > 0 1	2	2	0	0	0	0	0	0	0	0	0	0	4
2. PRECIPITATION (INCHES)													
MAXIMUM 2	4.5	4.0	4.3	5.0	6.8	7.2	10.7	8.3	7.7	5.1	4.2	4.0	36.9
MEAN 2	1.3	1.3	1.7	1.8	2.5	3.6	4.3	3.2	2.2	2.0	1.7	1.4	27.0
MINIMUM 2	0.2	0.2	0.1	0.3	0.7	0.4	0.6	0.7	0.3	0.1	0.1	0.3	15.4
MAX 24 HR 2	0.9	1.0	1.1	1.5	1.7	1.5	2.4	2.6	1.1	1.6	1.1	1.5	2.6
# DAYS > 0.004 2	19	18	16	11	15	12	14	12	11	11	14	19	170
# DAYS > 0.5 2	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0
W/SNOWFALL 2	20	18	11	3	0	0	0	0	0	0	6	18	77
# DAYS > 1.5 2	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)													
RH (06 LST) 1	86	88	86	85	86	89	91	90	90	89	89	89	88
RH (15 LST) 1	77	76	67	58	57	60	61	58	63	69	75	81	67
VAPOR PRESS 1	.12	.12	.17	.22	.33	.40	.43	.43	.36	.27	.18	.15	.27
DEWPOINT 1	21	21	29	36	46	51	54	54	49	40	31	26	38
5. SURFACE WINDS (16 FT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLC DRCTN 1	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
MEAN SPEED (PVLC DRCTN) 1	11	10	11	9	8	8	9	9	9	9	9	11	9
MEAN SPEED (ALL OBS) 1	8	8	8	8	7	6	6	6	6	7	8	8	7
MAX (PK GST) 1	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT 1	1900	2050	1950	1700	1800	2000	1750	1550	1800	1900	1800	2150	2150
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	6	6	6	6	5	5	5	4	5	5	6	6	5
DAYS TSTM 1	0	0	0	1	2	0	2	5	3	1	0	0	33
DAYS FOG < 7 1	24	23	25	22	22	23	26	26	26	26	24	24	290
DAYS BNBD < 7 1	0	0	0	0	0	0	0	0	0	0	0	0	0
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - \$ CALM > PVLC DRCTN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, 3 HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, VARIOUS PERIODS OF RECORD

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	80	85	73	60	58	63	70	65	70	72	77	79	71
06-08 LST	79	85	77	67	67	69	80	78	77	77	79	80	76
09-11 LST	80	87	82	68	55	58	69	72	80	77	81	79	74
12-14 LST	77	86	72	53	39	43	46	46	55	66	77	77	61
15-17 LST	73	77	60	41	32	36	36	31	42	59	66	75	52
18-20 LST	70	74	56	36	27	29	29	22	34	53	67	74	48
21-23 LST	75	80	64	49	36	41	42	46	56	65	71	77	58
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	74	81	69	57	55	60	69	64	68	68	72	75	68
06-08 LST	74	83	72	65	65	67	80	77	76	73	74	74	73
09-11 LST	76	84	79	65	54	55	68	71	77	75	75	71	71
12-14 LST	73	82	68	46	30	33	35	37	48	60	71	72	55
15-17 LST	67	71	54	30	21	22	21	19	33	47	59	67	43
18-20 LST	64	70	50	28	17	21	20	18	28	46	61	67	41
21-23 LST	70	77	60	45	33	36	39	44	55	60	65	70	54
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	50	58	47	31	31	35	42	36	39	46	52	50	43
06-08 LST51	51	64	50	36	35	42	49	51	49	49	50	53	48
09-11 LST	54	59	51	38	24	23	31	35	43	49	49	51	42
12-14 LST	49	57	38	20	15	15	12	13	22	36	45	50	31
15-17 LST	38	41	25	12	7	9	4	7	12	23	33	41	21
18-20 LST	37	39	24	10	6	7	6	6	10	23	38	44	21
21-23 LST	46	52	36	20	17	16	17	18	30	39	44	46	32
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	8	10	7	4	5	4	3	4	5	10	11	8	7
06-08 LST	6	11	9	7	6	5	6	9	10	14	12	9	9
09-11 LST	10	12	9	6	4	1	2	5	7	14	14	10	8
12-14 LST	7	8	3	2	1	0	#	1	3	5	6	8	4
15-17 LST	3	5	2	1	1	1	#	0	#	2	3	5	2
18-20 LST	5	5	3	#	1	#	0	1	#	1	4	6	2
21-23 LST	5	5	4	1	1	1	0	1	2	6	6	8	3
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: L'VIV, USSR
 LOCATION: 49°49'N, 23°57'E
 PREPARED BY: USAFETAC/ECO, JAN 1989

STATION #: 333930
 ELEVATION (FEET): 1066
 PERIOD: 7301-8612

ICAO ID: UKLL
 LST - GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	2	3	1	1	1	0	0	1
03-05 LST	0	0	0	0	0	1	1	0	0	0	0	0	0
06-08 LST	0	0	0	0	1	1	1	0	1	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	1	0	1	0	0	0
15-17 LST	0	0	0	0	1	3	3	2	0	0	0	0	1
18-20 LST	0	0	0	0	3	4	6	1	1	0	0	0	1
21-23 LST	0	0	0	0	2	3	3	1	1	0	0	0	1
ALL HOURS	0	0	0	0	1	2	2	1	0	0	0	0	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	5	8	14	13	14	10	8	10	14	11	11	10
03-05 LST	7	6	8	13	9	11	9	6	9	10	11	10	9
06-08 LST	6	7	8	14	11	12	10	6	11	11	9	13	10
09-11 LST	7	8	9	16	13	15	10	9	10	14	12	13	11
12-14 LST	8	8	9	13	11	12	9	9	13	12	13	11	11
15-17 LST	6	7	9	14	10	15	11	9	10	14	13	15	11
18-20 LST	6	8	8	15	12	14	11	7	10	14	11	10	10
21-23 LST	9	6	8	13	12	12	10	7	11	13	12	12	10
ALL HOURS	6	6	8	12	10	11	9	7	9	11	10	10	9

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	23	11	3	0	0	0	0	0	1	11	20	7
03-05 LST	23	23	11	4	1	0	0	0	0	2	9	20	8
06-08 LST	25	24	13	5	0	0	0	0	0	1	10	21	8
09-11 LST	25	23	14	5	1	0	0	0	0	1	11	20	8
12-14 LST	25	26	10	4	0	0	0	0	0	1	11	22	8
15-17 LST	18	17	9	4	0	0	0	0	0	1	11	19	6
18-20 LST	16	16	11	4	0	0	0	0	0	2	10	15	6
21-23 LST	21	21	10	3	0	0	0	0	0	1	9	18	7
ALL HOURS	19	19	10	4	0	0	0	0	0	1	9	17	7

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	1	1	0	0	0	0	0	0	1	1	1	0
06-08 LST	1	0	0	1	0	0	0	0	1	0	1	1	0
09-11 LST	1	0	1	0	0	0	0	0	0	0	0	0	0
12-14 LST	1	1	0	0	0	0	0	0	0	0	1	0	0
15-17 LST	0	0	1	1	0	0	0	0	0	0	0	0	0
18-20 LST	1	1	1	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	1	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

REMARKS: * - DATA NOT AVAILABLE, 0 - 0.0 < 0.5, MI - STATUTE MILES
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV FOR JAN 73 - DEC 86, 3 HOURLY

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	47	57	45	30	27	34	40	36	38	45	49	49	41
06-08 LST	49	63	48	35	33	40	48	51	48	48	48	51	47
09-11 LST	52	56	49	36	23	20	29	33	41	47	47	50	40
12-14 LST	48	56	36	18	12	11	10	12	20	34	43	47	29
15-17 LST	35	39	24	10	6	8	4	5	11	21	32	38	20
18-20 LST	36	37	22	9	6	6	5	5	10	22	36	42	20
21-23 LST	44	50	34	19	15	15	16	18	29	37	42	44	30
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	28	34	25	15	11	16	17	16	23	28	33	32	23
06-08 LST	31	37	27	21	25	27	34	29	31	32	34	33	30
09-11 LST	36	48	39	27	14	14	18	24	30	40	37	34	30
12-14 LST	38	48	28	13	6	6	4	7	13	25	35	36	22
15-17 LST	25	26	17	7	3	3	2	3	6	15	25	29	13
18-20 LST	24	26	17	6	4	4	3	4	7	19	27	27	14
21-23 LST	26	27	17	8	7	7	7	7	14	20	29	29	17
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	16	21	14	9	7	8	8	7	11	20	22	20	13
06-08 LST	18	26	17	13	11	13	12	17	19	23	23	19	18
09-11 LST	21	29	21	14	7	5	4	8	14	22	22	20	16
12-14 LST	21	23	12	5	3	2	1	2	5	11	18	17	10
15-17 LST	9	10	5	2	1	1	0	2	2	5	10	13	5
18-20 LST	12	12	7	2	1	1	0	2	2	8	13	16	6
21-23 LST	15	15	10	5	3	2	2	2	6	11	19	17	9
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	5	5	4	2	3	2	2	3	3	7	7	4	4
06-08 LST	4	6	5	4	5	3	4	7	8	9	7	5	6
09-11 LST	4	6	6	3	3	0	1	2	5	10	10	6	5
12-14 LST	3	4	2	1	0	0	0	0	2	2	3	5	2
15-17 LST	1	2	2	0	0	0	0	0	0	1	1	2	1
18-20 LST	1	1	1	0	0	0	0	0	0	1	2	3	1
21-23 LST	2	2	2	0	1	0	0	1	1	2	3	3	2
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ODESSA, UKRAINE
 LOCATION: 4629N 3039E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 338370
 ELEVATION (FEET): 210
 PERIOD: 7301-9012

ICAO: UKOO
 LST = GMT + 3

	SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)														
EXTREME MAX	1	60	64	70	76	86	94	96	94	90	84	72	62	96
MEAN DAILY MAX	1	34	35	43	55	67	75	78	78	70	58	45	39	56
MEAN	1	29	30	37	48	60	67	70	70	62	51	39	34	50
MEAN DAILY MIN	1	23	24	31	41	50	57	60	60	52	43	34	28	42
EXTREME MIN	1	-1	-10	-04	22	32	32	50	46	30	22	10	00	-10
# DAYS GE 90	1	0	0	0	0	#	1	1	1	#	0	0	0	3
# DAYS LE 32	1	26	22	17	2	#	#	#	#	#	3	12	21	105
# DAYS LE 0	1	#	1	#	#	0	0	0	#	0	#	0	#	1
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.0	1.0	1.1	.9	1.1	1.2	1.6	1.2	1.0	1.3	.9	1.1	13.4
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	17	14	13	12	10	12	9	6	6	8	13	15	135
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	9	7	5	1	0	0	0	0	0	#	3	5	30
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (06 LST)	1	87	87	86	86	84	85	83	81	84	86	87	87	85
RH (16 LST)	1	77	75	69	60	55	52	49	46	50	61	72	78	62
VAPOR PRESS	1	.15	.15	.18	.26	.36	.46	.48	.46	.39	.30	.21	.18	.30
DEWPOINT	1	25	25	31	40	49	55	57	56	51	43	34	30	41
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	N	N	N	S	S	S	N	N	N	N	N	N	N
MEAN SPEED														
(PVLG DRCTN)	1	11	12	11	10	10	10	10	10	9	10	10	12	10
MEAN SPEED														
(ALL OBS)	1	10	10	10	9	8	8	8	8	8	9	10	10	9
MAX PEAK GUST	1	39	51	49	37	33	52	35	35	41	45	43	41	52
PRESSURE ALT	1	960	1150	1010	950	1000	800	690	650	750	1000	1050	1020	1150
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	3	3	2	2	2	1	2	3	4	4	3
DAYS TSTMS	1	#	#	#	1	5	7	7	4	2	1	#	1	29
DAYS FOG LT 7	1	29	27	29	27	26	23	23	22	23	27	28	30	313
DAYS BNBD LT 7	1	#	#	#	#	#	#	#	#	#	#	#	#	3
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(ODESSA, UKRAINE)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, HOURLY.
2. NATIONAL INTELLIGENCE SURVEY, JAN 60, 18 YEARS OF RECORD.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	76	76	71	58	33	35	23	13	31	55	75	74	52
03-05 LST	75	79	73	64	42	40	29	18	35	57	76	76	55
06-08 LST	77	81	77	72	50	45	39	33	48	64	76	76	61
09-11 LST	79	81	74	56	27	23	19	21	36	59	77	74	52
12-14 LST	70	69	60	39	15	16	10	9	17	42	61	64	39
15-17 LST	62	63	54	30	12	12	8	7	11	32	55	57	34
18-20 LST	69	67	58	33	10	10	7	5	10	41	66	66	37
21-23 LST	75	75	67	48	23	21	15	10	27	53	73	72	46
ALL HOURS	73	74	67	50	26	25	19	15	27	50	70	70	47

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	71	73	68	55	32	32	22	13	30	51	69	67	49
03-05 LST	71	76	71	60	41	39	28	17	33	53	70	71	52
06-08 LST	74	79	75	70	48	43	37	32	46	60	71	71	59
09-11 LST	75	78	71	54	24	19	17	19	32	55	73	70	49
12-14 LST	64	64	53	32	10	8	6	6	10	33	52	57	33
15-17 LST	53	56	44	23	8	7	5	4	5	24	46	51	27
18-20 LST	63	63	53	28	8	7	5	4	8	36	58	60	33
21-23 LST	69	72	64	45	22	19	14	9	25	49	66	66	43
ALL HOURS	68	70	62	46	24	22	17	13	24	45	63	64	43

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	53	53	50	37	20	16	11	6	18	36	48	51	33
03-05 LST	53	56	56	42	26	23	15	9	22	38	52	53	37
06-08 LST	56	60	60	53	29	26	20	17	30	45	54	54	42
09-11 LST	59	62	56	35	13	8	7	8	18	38	57	55	35
12-14 LST	47	49	35	20	5	3	3	2	5	20	36	43	22
15-17 LST	37	39	28	13	5	2	2	2	2	13	31	37	18
18-20 LST	48	45	33	16	5	3	2	2	4	24	41	43	22
21-23 LST	53	51	44	31	12	9	7	4	13	33	49	47	29
ALL HOURS	51	52	45	31	14	11	8	6	14	31	46	48	30

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	10	8	6	2	1	#	#	3	5	8	8	5
03-05 LST	9	11	10	7	4	2	1	1	5	7	9	7	6
06-08 LST	10	12	13	10	7	2	3	2	7	9	10	9	8
09-11 LST	11	15	12	5	2	0	#	#	2	6	11	10	6
12-14 LST	7	10	6	1	#	0	#	0	#	1	6	7	3
15-17 LST	6	7	3	1	#	#	#	#	#	#	3	4	2
18-20 LST	6	7	5	2	#	0	#	#	#	#	4	5	3
21-23 LST	7	7	6	4	2	#	#	#	1	3	5	7	4
ALL HOURS	8	10	8	5	2	1	1	0	2	4	7	7	5

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ODESSA, UKRAINE
 LOCATION: 4629N 3039E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 338370
 ELEVATION (FEET): 210
 PERIOD: 7301-9012

ICAO: UK00
 LST = GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	1	1	1	1	1	#	#	#	#
03-05 LST	0	0	0	#	#	1	1	1	#	#	0	0	#
06-08 LST	0	0	0	#	#	#	#	#	#	#	0	#	#
09-11 LST	#	0	#	0	#	1	#	#	#	#	0	0	#
12-14 LST	0	0	#	#	#	1	#	#	#	#	0	0	#
15-17 LST	0	0	0	#	2	3	2	1	1	#	0	#	1
18-20 LST	0	0	0	#	1	3	2	2	1	0	0	0	1
21-23 LST	0	0	#	#	1	2	1	1	1	0	#	#	0
ALL HOURS	#	0	#	#	1	1	1	1	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	3	4	3	3	2	2	2	3	6	4	3
03-05 LST	2	3	2	3	2	3	1	2	2	2	4	3	2
06-08 LST	3	2	2	4	2	2	1	1	2	2	5	3	2
09-11 LST	2	3	3	5	2	2	2	1	2	2	5	3	3
12-14 LST	3	3	2	5	3	3	2	1	3	2	4	3	3
15-17 LST	2	2	2	4	3	4	3	2	2	3	4	2	3
18-20 LST	3	2	2	4	3	3	2	2	2	2	4	2	3
21-23 LST	3	2	2	4	2	2	2	2	2	2	4	2	2
ALL HOURS	3	3	2	4	2	3	2	2	2	2	5	3	3

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	3	2	#	0	0	0	0	0	#	1	2	1
03-05 LST	3	3	2	#	0	0	#	0	0	#	1	1	1
06-08 LST	4	4	2	#	0	#	0	0	0	#	1	1	1
09-11 LST	4	6	3	#	0	0	0	#	#	#	1	2	1
12-14 LST	6	5	3	#	0	0	0	0	0	#	1	3	1
15-17 LST	5	3	3	#	0	0	0	0	#	#	1	1	1
18-20 LST	3	2	2	#	0	0	0	0	#	#	1	1	1
21-23 LST	3	3	2	#	0	0	#	0	0	#	1	2	1
ALL HOURS	4	4	2	#	0	#	#	#	#	#	1	2	1

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	1	2	#	1	#	#	#	1	2	3	1
03-05 LST	2	3	2	1	#	#	#	#	#	1	2	3	1
06-08 LST	2	3	2	1	#	#	#	#	#	1	2	3	1
09-11 LST	1	2	1	2	#	#	#	#	#	1	2	2	1
12-14 LST	2	3	2	2	1	1	#	1	1	2	2	3	2
15-17 LST	2	3	4	3	1	1	1	1	2	2	4	2	2
18-20 LST	1	1	2	1	1	1	1	1	1	1	3	2	1
21-23 LST	1	2	1	1	#	1	#	#	#	1	2	2	1
ALL HOURS	2	2	2	2	1	1	#	#	1	1	2	2	1

(ODESSA, UKRAINE)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, HOURLY.
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	52	52	49	36	20	16	11	6	17	34	46	49	32
03-05 LST	51	54	55	41	26	23	15	8	22	36	50	51	36
06-08 LST	55	58	59	52	29	26	20	17	29	44	52	51	41
09-11 LST	57	60	54	33	11	7	6	7	16	36	54	53	33
12-14 LST	46	46	33	17	5	3	2	2	4	17	33	41	21
15-17 LST	36	37	26	11	4	2	2	2	2	12	28	34	16
18-20 LST	47	44	32	15	4	3	2	2	4	22	38	42	21
21-23 LST	51	50	44	30	12	9	6	4	13	32	47	45	29
ALL HOURS	49	50	44	29	14	11	8	6	13	29	44	46	29

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	34	32	30	21	10	8	3	2	10	18	28	30	19
03-05 LST	34	35	35	25	14	11	4	3	13	21	29	30	21
06-08 LST	37	38	42	33	18	13	8	7	18	27	31	31	25
09-11 LST	43	42	38	19	6	3	2	3	8	23	37	35	22
12-14 LST	33	32	22	9	2	1	1	1	2	8	21	26	13
15-17 LST	23	25	16	5	2	1	1	1	1	5	17	21	10
18-20 LST	29	27	20	7	2	1	1	1	1	11	22	25	12
21-23 LST	33	30	25	15	5	3	2	2	5	18	28	28	16
ALL HOURS	33	33	28	17	7	5	3	2	7	17	27	28	17

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	18	15	11	5	3	1	1	7	10	15	16	10
03-05 LST	21	20	19	13	7	4	3	2	9	12	16	16	12
06-08 LST	23	24	24	19	11	7	4	4	12	17	17	17	15
09-11 LST	27	28	23	10	4	1	1	1	5	13	23	20	13
12-14 LST	19	21	14	4	1	#	#	#	1	3	12	15	8
15-17 LST	13	15	8	2	#	#	#	#	#	2	9	10	5
18-20 LST	15	15	11	4	1	#	#	#	#	4	11	14	6
21-23 LST	17	16	13	7	3	1	#	#	3	9	13	15	8
ALL HOURS	19	20	16	9	4	2	1	1	5	9	15	15	10

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	6	6	3	2	1	#	#	2	3	5	4	3
03-05 LST	5	6	6	5	3	1	1	1	4	5	5	4	4
06-08 LST	5	7	8	6	4	1	2	2	5	6	6	5	5
09-11 LST	5	9	7	2	1	#	#	#	1	4	5	5	3
12-14 LST	4	5	3	1	#	0	#	0	#	#	2	4	2
15-17 LST	3	4	2	#	#	#	#	#	#	#	1	2	1
18-20 LST	4	4	2	1	#	0	#	#	#	0	2	3	1
21-23 LST	4	4	4	2	1	#	0	0	1	2	3	4	2
ALL HOURS	4	6	5	2	1	#	#	#	2	2	4	4	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NOVMO-IN-NOVMO, USSR
 LOCATION: 50°35'N, 26°08'E
 PREPARED BY: USAFETAC/ECR, JAN 1989

STATION #: 333010
 ELEVATION (FEET): 768
 PERIOD: 7301-8612

ICAO ID: N/A
 LST = GMT + 3

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	56	53	73	75	86	88	88	87	86	74	58	62	88
MEAN DLY MAX	1	28	28	39	52	65	68	70	71	63	52	39	32	51
MEAN	1	24	24	34	45	57	61	63	63	56	46	35	29	45
MEAN DLY MIN	1	19	18	28	37	47	52	54	54	48	39	30	24	38
EXTREME MIN	1	-15	-15	0	16	30	32	42	32	27	12	0	-7	-15
# DAYS > 90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 32	1	28	26	22	8	1	#	#	#	#	6	16	25	132
# DAYS > 0	1	2	2	#	0	0	0	0	0	0	0	#	1	5
2. PRECIPITATION (INCHES)														
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MINIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS > 0.004	1	15	13	9	10	9	11	11	8	8	8	11	15	128
# DAYS > 0.5		#	#	#	#	#	#	#	#	#	#	#	#	#
3. SNOWFALL (INCHES)														
MEAN		#	#	#	#	#	#	#	#	#	#	#	#	#
MAXIMUM		#	#	#	#	#	#	#	#	#	#	#	#	#
MAX 24 HR		#	#	#	#	#	#	#	#	#	#	#	#	#
# DAYS														
w/ SNOWFALL	1	12	10	6	2	#	#	0	#	#	1	4	9	44
# DAYS > 1.5		#	#	#	#	#	#	#	#	#	#	#	#	#
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)														
RH (06 LST)	1	86	87	88	86	88	90	92	91	90	90	89	88	89
RH (15 LST)	1	54	58	59	55	54	58	59	55	59	69	78	84	66
VAPOR PRESS	1	.12	.12	.16	.22	.33	.40	.44	.43	.35	.26	.18	.15	.26
DEWPOINT	1	20	29	28	36	46	51	54	54	48	40	31	25	38
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	W	W	ESE	W	SESE	SW	W	SW	W	W	W	W	W
MEAN SPEED	1													
(PVLG DRCTN)	1	15	12	9	10	7	9	8	8	10	10	13	13	10
MEAN SPEED	1													
(ALL OBS)	1	10	9	8	8	7	7	7	6	8	8	10	10	8
MAX (PK GST)	1	#	#	#	#	#	#	#	#	#	#	#	#	#
PRESSURE ALT	1	1650	1700	1350	1400	1550	1300	1250	1450	1350	1550	1550	1900	1900
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	5	5	5	5	5	4	5	5	6	7	5
DAYS TSTMS	1	#	#	#	1	5	6	6	4	1	#	#	#	25
DAYS FOG < 7	1	20	21	21	13	10	10	14	14	15	19	21	21	198
DAYS BNBD < 7	1	0	0	#	#	#	0	#	0	0	0	0	0	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - \$ CALM > PWLG DRCN
 @ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, 3 HOURLY

7. PERCENTAGE FREQUENCY OF OCCURRENCE (\$ FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	64	69	53	27	19	19	21	21	29	43	64	69	42
06-08 LST	67	73	62	42	37	40	48	42	43	54	63	71	54
09-11 LST	70	75	69	47	32	35	38	38	50	64	74	76	55
12-14 LST	68	76	59	37	27	29	32	24	34	57	69	69	48
15-17 LST	62	61	45	32	26	24	26	16	31	44	59	65	41
18-20 LST	63	58	41	24	19	15	13	10	20	35	56	68	35
21-23 LST	63	63	46	21	15	14	13	13	18	38	56	66	35
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. \$ FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	58	66	50	25	17	18	19	19	28	41	59	65	39
06-08 LST	62	70	59	41	36	38	48	41	42	51	59	68	51
09-11 LST	65	73	66	45	30	34	36	36	49	62	68	70	53
12-14 LST	64	74	55	28	18	18	20	17	27	50	64	65	42
15-17 LST	57	59	40	17	11	10	7	8	17	35	51	60	31
18-20 LST	57	55	36	14	9	8	6	6	15	30	50	64	29
21-23 LST	58	60	41	18	11	11	9	11	17	35	52	63	32
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

9. \$ FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	31	36	27	10	7	7	7	5	12	17	35	37	19
06-08 LST	38	41	34	23	20	22	24	18	23	29	39	46	30
09-11 LST	44	49	40	26	18	17	21	17	25	42	44	46	32
12-14 LST	40	47	28	16	10	8	8	7	13	28	42	43	24
15-17 LST	32	31	19	10	4	4	3	4	8	15	32	36	17
18-20 LST	28	30	18	8	3	5	2	1	8	15	30	39	16
21-23 LST	28	29	22	9	6	5	3	2	7	15	34	38	16
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

10. \$ FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	4	5	7	1	2	1	#	1	2	3	7	4	3
06-08 LST	6	8	8	4	6	5	5	6	6	4	7	7	6
09-11 LST	7	11	11	4	4	1	3	3	4	11	10	8	6
12-14 LST	6	8	6	1	#	1	#	1	#	3	9	8	4
15-17 LST	5	3	2	1	0	#	0	#	#	1	5	4	2
18-20 LST	5	4	2	#	0	#	#	#	#	2	6	6	2
21-23 LST	4	4	4	1	#	#	#	#	1	1	5	6	2
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: ROVNO-IN-ROVNO, USSR
LOCATION: 50°35'N, 26°08'E
PREPARED BY: USAFETAC/ECO, JAN 1989

STATION #: 333010
ELEVATION (FEET): 768
PERIOD: 7301-8612

ICAO ID: N/A
LST - GMT + 3

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	1	0	1	2	0	0	0	0	0
03-05 LST	0	0	0	0	0	1	0	2	0	0	0	0	0
06-08 LST	0	0	0	0	0	2	1	0	0	0	0	0	0
09-11 LST	0	0	0	0	1	1	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	1	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	1	3	2	1	0	0	0	0	1
18-20 LST	0	0	0	0	2	4	5	1	0	0	0	0	1
21-23 LST	0	0	0	0	1	1	1	2	0	0	0	0	1
ALL HOURS	0	0	0	0	1	1	1	1	0	0	0	0	0

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	4	10	9	9	9	6	11	6	10	8	6
03-05 LST	2	3	4	7	5	6	8	6	7	8	8	7	6
06-08 LST	5	6	7	11	9	10	11	6	8	11	9	10	9
09-11 LST	6	7	4	12	9	9	10	6	9	10	8	10	8
12-14 LST	5	5	4	12	7	8	6	5	9	9	10	9	7
15-17 LST	5	5	4	9	9	10	7	6	7	9	11	10	8
18-20 LST	4	3	5	10	9	10	9	7	7	9	7	10	7
21-23 LST	4	4	4	10	7	9	7	5	9	7	10	9	7
ALL HOURS	4	4	5	10	8	9	8	6	8	8	9	9	7

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	18	18	9	2	0	0	0	0	0	1	8	15	8
03-05 LST	16	15	8	3	0	0	0	0	0	0	5	14	5
06-08 LST	21	20	9	3	1	0	0	0	0	1	9	16	7
09-11 LST	20	18	10	3	1	0	0	0	0	1	7	16	6
12-14 LST	22	17	9	4	0	0	0	0	0	1	9	16	7
15-17 LST	19	14	6	4	0	0	0	0	0	1	7	14	6
18-20 LST	14	18	7	3	0	0	0	0	0	1	6	12	5
21-23 LST	15	17	8	2	0	0	0	0	0	1	7	13	5
ALL HOURS	19	18	8	3	0	0	0	0	0	1	7	15	6

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	4	1	1	0	0	1	0	0	0	1	1	2	1
06-08 LST	4	1	1	0	0	1	0	0	0	1	1	3	1
09-11 LST	2	1	0	1	0	0	0	0	0	1	2	2	1
12-14 LST	3	1	1	1	0	1	0	0	0	1	2	4	1
15-17 LST	3	1	1	1	0	0	0	0	1	1	3	3	1
18-20 LST	4	1	2	1	0	1	0	0	0	1	2	2	1
21-23 LST	3	1	1	1	0	1	0	0	0	0	1	1	1
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

REMARKS: * - DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILEN
 # = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR, JAN 73 - DEC 86, 3 HOURLY

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	30	32	24	8	6	5	5	5	11	16	31	34	17
06-08 LST	34	37	31	21	17	20	22	16	22	27	35	43	27
09-11 LST	38	45	37	23	15	14	18	14	22	38	40	41	29
12-14 LST	35	43	26	12	6	6	4	5	10	23	37	38	20
15-17 LST	29	26	17	8	2	3	1	3	7	12	27	31	14
18-20 LST	26	27	16	8	2	4	1	1	6	13	27	33	14
21-23 LST	25	25	20	8	4	4	2	2	6	13	28	34	14
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	23	27	21	6	4	3	3	3	9	13	26	27	14
06-08 LST	28	32	27	17	13	15	16	13	17	23	29	31	22
09-11 LST	31	38	34	18	10	7	11	10	17	32	34	32	23
12-14 LST	31	37	23	9	2	3	2	4	6	18	32	32	17
15-17 LST	25	23	15	5	#	1	#	2	4	10	21	26	11
18-20 LST	21	24	14	6	1	1	1	1	5	11	22	30	11
21-23 LST	19	21	16	5	3	2	1	1	5	11	24	28	11
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	10	13	12	2	2	1	1	2	4	6	14	13	7
06-08 LST	13	17	14	9	8	8	9	9	10	12	16	15	12
09-11 LST	14	21	17	9	6	3	4	5	7	18	18	16	12
12-14 LST	14	19	12	4	1	1	#	1	1	6	15	19	8
15-17 LST	10	10	7	3	0	#	0	#	1	3	11	12	5
18-20 LST	9	12	6	1	0	#	#	#	1	4	11	16	5
21-23 LST	9	10	9	2	1	1	#	1	2	3	12	15	5
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	1	2	3	0	#	0	0	1	1	1	2	3	1
06-08 LST	1	4	4	1	3	2	2	2	3	5	3	4	3
09-11 LST	3	6	6	1	2	1	1	2	1	6	4	4	3
12-14 LST	1	3	3	1	0	#	#	#	0	1	3	4	1
15-17 LST	1	1	1	0	0	0	0	#	#	#	2	2	1
18-20 LST	2	2	1	0	0	#	0	0	#	1	2	3	1
21-23 LST	2	1	1	0	#	#	#	#	#	#	2	2	1
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: DUSHANBE, USSR
 LOCATION: 38°35'N, 68°48'E
 PREPARED BY: USAFETAC/ECR, JAN 1989

STATION #: 388360
 ELEVATION (FEET): 2704
 PERIOD: 7301-8612

ICAO ID: N/A
 LST - GMT +6

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	64	70	81	91	100	112	109	106	99	91	85	68	112
MEAN DLY MAX	42	46	55	70	78	90	96	93	85	72	59	47	69
MEAN	36	39	48	61	68	79	83	80	71	60	49	40	60
MEAN DLY MIN	28	31	40	51	57	65	70	66	57	48	39	33	49
EXTREME MIN	-4	-5	20	28	45	52	50	48	34	27	8	2	-5
# DAYS > 90	0	0	0	0	2	19	29	25	8	0	0	0	83
# DAYS ≥ 32	21	15	6	0	0	0	0	0	0	0	5	15	62
# DAYS ≥ 0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MINIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.01	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 0.5	0	0	0	0	0	0	0	0	0	0	0	0	0
3. SNOWFALL (INCHES)													
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS ≥ 1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (°Hg) / DEWPOINT (°F)													
RH (06 LST)	70	78	76	75	74	58	53	57	63	72	76	78	70
RH (05 LST)	0	0	0	0	0	0	0	0	0	0	0	0	0
VAPOR PRESS	.15	.16	.22	.32	.38	.38	.40	.38	.31	.26	.21	.18	.28
DEWPOINT	26	28	35	46	50	50	52	50	44	40	35	30	41
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	E	E	E	E	E	E	E	W	W	W	ENE	E	E
MEAN SPEED	6	7	8	7	7	6	5	6	5	5	4	6	6
(PVLG DRCTN)	6	7	8	7	7	6	5	6	5	5	4	6	6
MEAN SPEED	3	4	5	4	4	4	3	3	3	3	3	3	4
(ALL OBS)	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX (PK GST)	3670	3510	3900	3710	3830	4050	5070	3630	3560	3470	3280	0	0
PRESSURE ALT	3670	3510	3900	3710	3830	4050	5070	3630	3560	3470	3280	0	0
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	6	6	6	6	5	2	1	1	1	3	5	5	4
DAYS TSTMS	0	0	2	6	11	5	2	0	0	1	0	0	29
DAYS FOG < 7	16	11	6	2	1	0	0	0	0	2	9	14	60
DAYS BNBD < 7	0	0	0	0	0	0	0	0	0	0	0	0	2
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 # - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	38	37	24	11	6	3	4	4	2	11	25	29	16
06-08 LST	43	39	26	15	9	3	4	4	1	10	21	26	17
09-11 LST	50	42	39	21	16	7	5	5	8	17	41	43	25
12-14 LST	47	41	33	17	8	4	5	6	5	15	33	45	22
15-17 LST	34	31	28	19	14	6	7	6	5	10	20	33	18
18-20 LST	31	29	23	13	9	5	5	4	2	8	18	29	15
21-23 LST	36	33	19	14	8	5	3	5	1	12	25	31	16
ALL HOURS	40	36	27	16	10	5	5	5	3	12	26	34	18

8. % FREQ OF CIG/VIS < 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	30	28	13	7	4	3	4	4	2	11	21	22	13
06-08 LST	35	31	15	8	4	2	3	4	1	9	19	21	13
09-11 LST	43	37	27	11	7	4	5	5	6	15	34	38	19
12-14 LST	42	33	22	8	4	3	5	6	4	12	29	39	17
15-17 LST	27	25	13	8	3	4	7	6	4	7	14	27	12
18-20 LST	25	20	11	4	4	2	4	4	2	6	12	21	10
21-23 LST	28	29	10	9	4	4	3	5	1	11	21	24	12
ALL HOURS	33	29	16	8	4	3	4	5	3	10	21	27	12

9. % FREQ OF CIG/VIS < 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	23	14	7	4	1	1	1	1	2	7	8	13	7
06-08 LST	27	17	10	4	1	1	1	2	1	6	7	11	7
09-11 LST	29	24	13	5	1	3	2	3	1	7	16	25	11
12-14 LST	30	20	10	4	2	2	2	3	1	5	11	20	9
15-17 LST	13	12	3	2	2	2	3	3	2	3	4	10	5
18-20 LST	17	10	4	1	2	1	1	3	1	4	5	8	5
21-23 LST	20	14	4	4	2	3	1	4	1	7	7	10	6
ALL HOURS	23	16	7	3	2	2	2	3	1	6	8	14	7

10. % FREQ OF CIG/VIS < 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	0	#	0	#	#	0	#	#	#	#
03-05 LST	3	2	#	#	#	1	1	0	0	1	2	2	1
06-08 LST	6	3	#	0	0	1	#	0	0	0	1	2	1
09-11 LST	8	3	1	#	0	1	#	1	1	1	4	3	2
12-14 LST	6	2	1	#	#	1	#	#	1	#	2	2	1
15-17 LST	2	2	0	#	0	1	#	#	1	1	#	1	1
18-20 LST	2	1	#	#	#	#	#	1	#	1	1	1	1
21-23 LST	3	2	#	1	1	2	#	1	#	0	1	3	1
ALL HOURS	4	2	#	#	#	1	#	#	#	#	2	2	1

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: DUSHANBE, USSR
 LOCATION: 38°35'N, 68°48'E
 PREPARED BY: USAFETAC/ECR, JAN 1989

STATION #: 388360
 ELEVATION (FEET): 2704
 PERIOD: 7301-8612

ICAO ID: N/A
 LST - GMT +6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	#	#	#	#	#	0	#	0	#	#
03-05 LST	0	0	0	2	3	1	0	0	0	0	0	0	#
06-08 LST	0	0	0	2	3	2	0	0	#	1	0	#	1
09-11 LST	0	0	#	2	1	#	0	0	#	#	0	0	#
12-14 LST	0	0	0	1	2	#	0	0	0	#	#	0	#
15-17 LST	0	0	#	3	6	3	#	#	#	0	0	0	1
18-20 LST	#	#	1	3	7	2	1	#	1	#	0	0	1
21-23 LST	0	0	2	3	4	2	0	0	0	1	0	#	1
ALL HOURS	#	#	#	2	4	1	#	#	#	#	#	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	0	#	#	#	#	#	#	#
03-05 LST	9	9	14	10	5	0	1	0	2	5	7	6	6
06-08 LST	7	8	15	12	5	1	#	#	1	5	5	6	5
09-11 LST	8	11	22	15	10	1	1	#	1	7	11	11	8
12-14 LST	7	9	18	9	7	1	#	#	1	5	7	8	6
15-17 LST	7	10	14	9	8	2	#	1	1	3	5	9	6
18-20 LST	6	9	16	7	7	1	1	0	#	3	5	7	5
21-23 LST	7	10	17	11	5	1	0	0	1	3	9	8	6
ALL HOURS	7	9	17	10	7	1	1	#	1	4	7	8	6

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	0	0	0	0	0	0	#	0	#	#
03-05 LST	13	13	5	1	0	0	0	0	0	0	3	5	3
06-08 LST	15	14	5	#	0	0	0	0	0	#	1	6	4
09-11 LST	11	11	9	#	0	0	0	0	0	0	3	8	3
12-14 LST	11	12	7	#	0	0	0	0	0	0	1	7	3
15-17 LST	9	10	4	#	0	0	0	0	0	1	#	5	2
18-20 LST	11	13	5	0	0	0	0	0	0	#	1	5	3
21-23 LST	11	11	2	0	0	0	0	0	0	1	1	3	2
ALL HOURS	12	12	5	#	0	0	0	0	0	#	1	6	3

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	#	0	#	#	0	#	0	#	#
03-05 LST	0	0	0	0	#	0	0	0	0	0	#	0	#
06-08 LST	#	0	0	0	0	0	0	0	0	#	0	0	#
09-11 LST	#	0	0	0	0	0	0	#	0	0	0	#	#
12-14 LST	#	0	0	0	#	0	0	0	0	#	0	0	#
15-17 LST	0	0	1	0	1	0	0	0	0	0	0	0	#
18-20 LST	#	0	0	0	#	0	0	0	0	#	#	0	#
21-23 LST	#	0	#	#	0	#	0	#	#	#	0	1	#
ALL HOURS	#	0	#	#	#	#	0	#	#	#	#	#	#

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 * - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8612
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	23	14	7	3	1	1	1	1	2	7	8	13	7
06-08 LST	27	16	10	3	1	1	1	2	1	6	7	11	7
09-11 LST	29	23	11	5	1	3	2	3	1	7	16	24	10
12-14 LST	30	20	10	4	2	2	2	3	1	5	10	19	9
15-17 LST	13	12	3	2	2	2	3	3	2	3	4	9	5
18-20 LST	16	10	4	1	2	1	1	3	1	4	5	8	5
21-23 LST	20	13	4	4	1	3	1	4	1	7	7	10	6
ALL HOURS	23	15	7	3	1	2	2	3	1	6	8	13	7

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	19	11	5	2	1	1	1	1	2	4	5	9	5
06-08 LST	20	13	7	2	1	1	1	2	1	3	5	8	5
09-11 LST	26	16	7	4	0	3	2	3	1	3	14	18	8
12-14 LST	23	15	5	3	1	1	1	2	1	3	8	14	6
15-17 LST	10	9	2	1	1	2	2	3	2	2	3	6	4
18-20 LST	12	7	3	1	1	1	1	2	1	2	4	6	3
21-23 LST	14	8	1	3	1	2	1	3	0	5	5	8	4
ALL HOURS	18	11	4	2	1	2	1	2	1	3	6	10	5

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	11	6	1	#	1	1	1	1	1	2	3	5	3
06-08 LST	12	7	3	#	#	1	#	1	#	1	4	5	3
09-11 LST	16	9	3	1	0	2	1	1	1	3	8	11	5
12-14 LST	14	8	2	1	#	1	#	1	1	2	5	6	3
15-17 LST	5	5	#	1	#	2	1	2	1	1	1	3	2
18-20 LST	6	3	2	#	#	#	1	1	1	1	2	3	2
21-23 LST	8	5	0	1	1	2	#	3	#	2	3	4	2
ALL HOURS	10	6	2	1	#	1	1	1	1	2	4	5	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	0	#	0	#	#	0	#	0	#	#
03-05 LST	1	1	0	#	0	#	1	0	0	1	1	1	1
06-08 LST	4	2	#	0	0	#	#	0	0	0	1	1	1
09-11 LST	5	1	#	0	0	1	0	#	1	0	2	2	1
12-14 LST	3	1	#	0	#	#	#	0	#	#	#	#	1
15-17 LST	1	1	0	0	0	1	#	#	1	#	0	#	#
18-20 LST	1	0	0	#	#	0	#	#	#	#	#	#	#
21-23 LST	1	1	#	1	1	1	#	#	#	0	1	2	1
ALL HOURS	2	1	#	#	#	#	#	#	#	#	1	1	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ASHKABAD, TURKMENISTAN
 LOCATION: 3758N 5821E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 388800
 ELEVATION (FEET): 748
 PERIOD: 7301-8912

ICAO: UTAA
 LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	76	82	89	100	107	113	111	110	105	102	91	79 113
MEAN DAILY MAX	1	42	46	57	72	83	94	99	96	87	71	59	47 71
MEAN	1	35	38	49	63	73	84	88	84	74	60	49	40 61
MEAN DAILY MIN	1	28	30	40	53	61	71	75	71	61	49	39	32 51
EXTREME MIN	1	0	3	17	32	39	54	53	57	41	26	10	8 0
# DAYS GE 90	1	0	0	0	1	9	24	29	27	14	1	#	0 105
# DAYS LE 32	1	21	16	6	#	0	0	0	0	0	1	6	15 65
# DAYS LE 0	1	#	0	0	0	0	0	0	0	0	0	0	#
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.0	.9	1.8	1.5	1.1	.4	.2	.1	.1	.5	.8	.7 9.1
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	11	11	11	9	6	3	2	1	2	5	6	10 77
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	5	4	2	#	#	#	0	0	0	#	1	2 14
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST)	1	85	83	80	71	61	47	45	45	51	67	76	85 66
RH (14 LST)	1	66	60	52	39	28	19	20	19	22	34	46	63 40
VAPOR PRESS	1	.16	.17	.23	.31	.35	.36	.41	.36	.31	.26	.22	.19 .28
DEWPOINT	1	28	29	36	44	47	48	52	48	44	40	35	32 40
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$E	\$E	\$E	\$E	E	W	W	W	\$E	\$E	\$E	\$E \$E
MEAN SPEED													
(PVLG DRCTN)	1	6	6	8	8	7	8	8	7	8	7	6	6 7
MEAN SPEED													
(ALL OBS)	1	5	5	6	6	6	7	7	6	5	5	4	4 6
MAX PEAK GUST	1	39	*	*	29	23	*	23	*	*	*	29	39 39
PRESSURE ALT	1	1610	1490	1650	1700	1850	2000	1970	1850	1700	1300	1510	1700 2000
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	4	2	1	1	1	3	4	5 4
DAYS TSTMS	1	#	#	1	4	6	2	1	#	1	1	#	# 16
DAYS FOG LT 7	1	13	8	4	#	#	0	0	0	#	1	5	15 47
DAYS BNBD LT 7	1	#	#	#	1	#	#	#	#	#	1	#	# 5
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(ASHKABAD, TURKMENISTAN)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 89, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAR 60, 56 YEARS OF RECORD

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	53	45	21	7	3	1	1	2	2	8	21	51	18
03-05 LST	51	45	26	7	5	1	2	1	2	9	22	49	18
06-08 LST	68	63	50	19	6	3	4	3	5	19	50	70	30
09-11 LST	71	59	38	19	8	5	5	5	6	16	42	75	29
12-14 LST	46	43	32	16	6	3	#	4	6	12	21	44	19
15-17 LST	39	39	27	11	3	2	1	2	2	10	20	41	16
18-20 LST	48	40	24	8	5	1	2	2	2	10	23	49	18
21-23 LST	51	43	21	6	4	2	2	#	1	9	23	52	18
ALL HOURS	53	47	30	12	5	2	2	2	3	11	28	54	21

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	46	35	13	3	2	1	1	2	2	6	16	44	14
03-05 LST	45	38	18	3	4	1	2	#	2	6	16	42	15
06-08 LST	60	56	43	14	5	3	4	3	5	17	45	66	27
09-11 LST	65	55	30	14	6	4	4	5	5	10	36	71	26
12-14 LST	37	32	18	10	4	3	0	4	6	8	14	37	14
15-17 LST	29	27	16	5	2	2	1	2	2	6	12	31	11
18-20 LST	37	29	13	4	4	1	2	2	2	6	16	39	13
21-23 LST	41	31	12	3	2	1	1	#	1	5	17	43	13
ALL HOURS	45	38	21	7	4	2	2	2	3	8	22	47	17

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	24	8	2	1	#	#	1	1	4	9	31	10
03-05 LST	35	28	14	2	2	0	1	#	1	4	11	34	11
06-08 LST	41	35	20	6	1	#	1	#	1	5	20	44	15
09-11 LST	42	34	16	4	2	1	1	#	#	4	17	43	14
12-14 LST	26	21	8	4	1	1	0	#	1	4	8	26	8
15-17 LST	19	17	7	1	1	#	#	0	#	3	6	21	6
18-20 LST	26	17	8	1	3	1	2	1	1	2	5	25	8
21-23 LST	27	19	8	2	1	1	#	#	#	3	8	29	8
ALL HOURS	32	24	11	3	2	#	1	#	1	4	10	32	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	6	1	1	#	#	#	1	0	1	1	12	3
03-05 LST	13	8	3	#	#	0	1	#	1	1	3	13	4
06-08 LST	16	11	4		0	0	#	#	1	#	4	15	4
09-11 LST	12	7	1	1	0	#	#	0	0	#	2	10	3
12-14 LST	5	2	0	#	1	#	0	#	1	1	1	3	1
15-17 LST	3	1	#	#	0	#	0	0	#	#	#	4	1
18-20 LST	7	3	1	0	#	#	1	#	#	0	1	6	2
21-23 LST	9	3	1	1	#	#	0	#	#	#	1	10	2
ALL HOURS	10	5	1	1	#	#	#	#	#	#	2	9	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ASHKABAD, TURKISTAN
 LOCATION: 3758N 5821E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 388800
 ELEVATION (FEET): 748
 PERIOD: 7301-8912

ICAO: UTAA
 LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	1	1	#	0	1	#	0	0	0	#
03-05 LST	0	#	0	#	#	0	1	0	#	0	0	0	#
06-08 LST	#	1	0	0	0	0	#	0	0	0	0	0	#
09-11 LST	#	#	0	0	#	#	0	0	0	0	0	0	#
12-14 LST	0	0	0	1	1	#	0	0	#	#	0	0	#
15-17 LST	0	0	#	1	2	1	0	0	#	#	#	#	1
18-20 LST	0	0	0	3	3	1	#	0	0	0	#	#	1
21-23 LST	0	0	#	1	1	1	#	#	0	0	0	0	#
ALL HOURS	#	#	#	1	1	1	#	#	#	#	0	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	8	8	5	3	1	1	1	1	4	4	7	4
03-05 LST	5	8	8	7	3	#	1	#	1	3	6	8	4
06-08 LST	6	6	7	6	2	#	2	0	1	4	5	9	4
09-11 LST	3	8	7	5	3	#	#	#	1	3	3	7	3
12-14 LST	2	4	6	4	2	1	0	#	#	3	2	5	2
15-17 LST	4	6	9	7	4	2	#	#	1	4	4	6	4
18-20 LST	5	8	11	9	5	2	1	1	1	5	4	9	5
21-23 LST	5	7	10	5	5	2	1	1	1	4	4	8	4
ALL HOURS	4	7	8	6	3	1	1	#	1	3	4	7	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	7	2	0	0	#	0	0	0	#	1	2	2
03-05 LST	7	6	3	#	0	0	0	0	0	0	1	2	2
06-08 LST	7	6	3	#	0	0	0	0	0	#	1	4	2
09-11 LST	9	8	3	0	#	0	0	0	0	1	2	4	2
12-14 LST	4	5	2	0	0	0	0	0	0	1	1	4	1
15-17 LST	6	6	2	0	0	0	0	0	0	#	1	2	1
18-20 LST	6	7	2	#	0	0	0	0	0	#	1	3	2
21-23 LST	7	5	2	0	0	#	0	0	0	#	1	2	1
ALL HOURS	6	6	2	#	#	#	0	0	0	#	1	3	2

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	#	1	#	#	#	0	0	0	0	1	#
03-05 LST	#	0	0	#	0	#	0	1	#	#	0	#	#
06-08 LST	#	0	#	0	0	1	1	0	0	0	0	#	#
09-11 LST	#	#	#	#	#	0	1	#	0	#	0	0	#
12-14 LST	0	0	1	1	0	#	#	1	0	1	#	0	#
15-17 LST	#	1	1	1	1	1	0	0	#	#	#	#	#
18-20 LST	#	0	0	#	0	#	0	0	#	#	0	0	#
21-23 LST	#	0	#	1	0	0	1	#	0	0	#	#	#
ALL HOURS	#	#	#	1	#	#	#	#	#	#	#	#	#

(ASHKhabAD, TURKMENISTAN)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 89, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAR 60, 56 YEARS OF RECORD

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	34	22	7	2	1	#	#	1	1	4	8	29	9
03-05 LST	32	27	12	2	2	0	1	#	1	4	10	31	10
06-08 LST	38	32	18	6	1	#	1	#	1	5	19	43	14
09-11 LST	39	30	12	4	1	1	1	#	#	3	15	40	12
12-14 LST	24	16	6	3	1	1	0	#	1	3	7	23	7
15-17 LST	17	14	5	1	1	#	#	0	#	2	5	18	5
18-20 LST	23	15	7	1	3	1	2	1	1	1	4	23	7
21-23 LST	25	17	7	2	1	#	#	#	#	2	7	26	7
ALL HOURS	29	22	9	3	1	#	1	#	1	3	9	29	9

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	17	4	1	1	#	#	1	1	3	6	24	7
03-05 LST	26	22	8	1	1	0	1	#	1	3	7	26	8
06-08 LST	31	27	16	5	1	#	1	#	1	3	16	39	12
09-11 LST	33	25	8	3	1	1	#	0	#	3	12	35	10
12-14 LST	15	11	3	3	1	1	0	#	1	3	5	16	5
15-17 LST	11	8	3	1	#	#	#	0	#	2	3	13	3
18-20 LST	17	10	4	1	2	1	2	1	1	#	3	16	5
21-23 LST	20	11	5	1	1	#	#	#	#	1	5	21	5
ALL HOURS	23	16	6	2	1	#	1	#	1	2	7	24	7

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	9	2	1	#	#	#	1	1	1	2	17	4
03-05 LST	18	12	5	#	#	0	1	#	1	2	5	18	5
06-08 LST	21	14	6	3	0	0	1	#	1	1	7	24	6
09-11 LST	19	14	3	1	0	#	#	0	#	1	5	19	5
12-14 LST	8	4	1	1	1	1	0	#	1	1	2	6	2
15-17 LST	6	3	1	#	#	#	0	0	#	1	1	8	2
18-20 LST	10	7	1	#	1	#	1	#	#	#	1	9	3
21-23 LST	14	5	2	1	#	#	#	#	#	#	1	13	3
ALL HOURS	14	8	3	1	#	#	#	#	#	1	3	14	4

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	4	#	1	0	#	#	0	0	0	1	8	2
03-05 LST	10	5	1	0	#	0	1	#	1	1	2	8	2
06-08 LST	11	8	2	1	0	0	#	#	#	#	2	12	3
09-11 LST	8	4	1	#	0	0	#	0	0	#	1	7	2
12-14 LST	3	1	0	0	1	#	0	#	1	1	#	2	1
15-17 LST	2	1	0	#	0	#	0	0	#	#	0	2	#
18-20 LST	4	1	1	0	0	0	1	0	#	0	#	2	1
21-23 LST	6	2	1	#	#	#	0	0	#	0	#	6	1
ALL HOURS	7	3	1	#	#	#	#	#	#	#	1	6	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TASHAUZ, TURKMENISTAN
 LOCATION: 4150N 5959E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 383920
 ELEVATION (FEET): 289
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	76	70	84	98	106	110	113	109	109	92	84	76	113
MEAN DAILY MAX	1	33	37	50	69	82	92	96	91	81	63	49	38	65
MEAN	1	26	28	42	59	71	81	85	79	68	52	40	31	55
MEAN DAILY MIN	1	19	20	32	48	59	67	71	66	55	41	32	25	45
EXTREME MIN	1	-17	-10	7	28	32	44	55	50	26	10	2	-10	-17
# DAYS GE 90	1	0	0	0	1	6	20	27	20	5	#	0	0	80
# DAYS LE 32	1	28	25	15	#	#	#	0	0	#	4	15	23	111
# DAYS LE 0	1	2	2	0	#	#	0	0	0	0	#	1	5	5
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	9	7	7	7	5	3	2	2	2	4	6	9	63
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	6	4	2	#	0	0	0	0	#	1	4	17	17
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (05 LST)	1	85	80	77	68	59	54	58	62	64	69	77	84	70
RH (15 LST)	1	72	60	51	37	29	25	27	29	29	38	53	69	44
VAPOR PRESS	1	.12	.12	.17	.26	.31	.39	.48	.43	.32	.22	.18	.15	.26
DEWPOINT	1	21	20	29	39	44	50	56	53	45	35	29	25	37
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	E	E	E	E	E	N	N	N	NNE	E	E	E	E
MEAN SPEED														
(PVLG DRCTN)	1	9	10	11	12	11	9	9	8	7	9	9	9	9
MEAN SPEED														
(ALL OBS)	1	8	9	10	10	9	9	9	8	7	8	8	8	9
MAX PEAK GUST	1	*	*	35	37	41	35	35	*	*	*	*	*	41
PRESSURE ALT	1	350	400	450	450	700	600	650	500	750	400	500	350	750
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	4	4	2	2	1	1	3	4	5	3
DAYS TSTMS	1	#	0	0	#	1	1	#	#	#	#	0	#	2
DAYS FOG LT 7	1	14	9	8	2	#	#	#	#	1	3	8	16	60
DAYS BNBD LT 7	1	#	1	2	2	2	1	1	1	#	1	1	#	13

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(TASHAUZ, TURKMENISTAN)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
C = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, THREE HOURLY
2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	37	26	19	12	8	5	5	4	2	6	21	43	16
03-05 LST	40	28	23	10	6	3	4	2	1	6	22	49	16
06-08 LST	45	32	24	13	5	2	3	2	2	8	28	49	18
09-11 LST	54	42	40	16	3	3	2	1	3	12	31	54	22
12-14 LST	52	35	30	14	7	3	3	2	1	8	28	53	20
15-17 LST	46	30	31	15	7	4	2	4	1	8	27	45	18
18-20 LST	38	27	28	17	6	4	5	4	3	8	23	40	17
21-23 LST	38	28	24	12	8	5	7	9	2	6	18	44	17
ALL HOURS	44	31	27	14	6	4	4	3	2	8	25	47	18

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	29	21	15	11	8	5	5	4	2	5	15	36	13
03-05 LST	33	25	19	9	6	3	4	2	1	5	17	42	14
06-08 LST	41	28	21	12	5	2	3	2	2	7	22	42	16
09-11 LST	49	39	35	14	2	3	2	1	3	11	26	48	19
12-14 LST	47	32	26	11	4	3	3	2	1	6	23	47	17
15-17 LST	38	23	20	10	7	3	1	4	1	6	18	37	14
18-20 LST	29	20	20	14	6	4	5	4	3	6	15	31	13
21-23 LST	29	22	18	11	7	5	6	9	2	5	13	36	14
ALL HOURS	37	26	22	12	6	4	4	3	2	6	19	40	15

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	12	5	3	2	1	1	#	1	2	6	21	6
03-05 LST	21	14	7	3	1	1	1	0	1	1	6	25	7
06-08 LST	23	16	9	3	1	1	1	#	1	1	9	24	8
09-11 LST	26	21	14	4	1	1	#	1	1	2	8	32	9
12-14 LST	26	18	11	4	1	#	#	#	#	2	11	28	9
15-17 LST	22	14	8	3	2	1	0	1	0	1	9	20	7
18-20 LST	15	11	8	2	1	1	1	1	1	1	7	17	5
21-23 LST	18	10	6	3	4	1	1	1	1	2	4	19	6
ALL HOURS	21	14	9	3	1	1	1	1	1	2	7	23	7

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	#	1	0	#	#	0	#	1	1	5	1
03-05 LST	5	4	2	1	0	1	1	0	#	#	1	6	2
06-08 LST	7	6	2	1	#	#	#	0	#	#	3	7	2
09-11 LST	8	6	4	1	#	1	#	1	1	1	3	10	3
12-14 LST	6	4	2	#	0	#	#	#	0	1	2	7	2
15-17 LST	3	2	1	#	1	1	0	#	0	0	1	2	1
18-20 LST	1	2	1	#	#	#	1	#	1	#	1	2	1
21-23 LST	2	2	1	#	1	0	0	#	1	1	1	4	1
ALL HOURS	4	3	1	1	#	#	#	#	#	#	1	5	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TASHAUZ, TURKMENISTAN
 LOCATION: 4150N 5959E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 383920
 ELEVATION (FEET): 289
 PERIOD: 7301-9012

ICAO:
 LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	#	1	#	#	#	#	0	0	0	#
03-05 LST	0	0	#	1	0	#	#	#	#	0	0	0	#
06-08 LST	0	0	0	#	#	#	1	#	#	#	0	0	#
09-11 LST	0	0	0	#	1	#	0	#	#	0	0	0	#
12-14 LST	0	0	0	#	#	#	#	#	0	#	0	#	#
15-17 LST	#	0	0	#	0	#	#	0	0	0	0	0	#
18-20 LST	#	0	0	0	#	0	#	#	0	0	0	#	#
21-23 LST	0	0	#	1	1	#	0	0	0	0	0	0	#
ALL HOURS	#	0	#	#	#	#	#	#	#	#	0	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	5	4	3	1	1	1	2	2	3	5	3
03-05 LST	2	1	3	3	3	2	1	0	1	2	2	5	2
06-08 LST	2	2	3	4	3	1	1	1	1	2	1	4	2
09-11 LST	4	3	3	3	3	2	#	1	1	2	2	7	3
12-14 LST	3	2	4	5	1	1	1	1	1	2	3	4	2
15-17 LST	2	2	3	2	2	1	2	1	#	3	2	4	2
18-20 LST	3	2	5	6	1	1	1	#	1	3	4	4	3
21-23 LST	3	3	5	6	2	1	1	1	1	2	3	4	3
ALL HOURS	3	2	4	4	2	1	1	1	1	2	2	5	2

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	3	#	0	0	0	0	#	#	#	3	1
03-05 LST	5	5	1	#	0	0	0	0	0	0	1	3	1
06-08 LST	6	6	2	0	0	0	0	0	0	#	1	3	2
09-11 LST	8	4	3	0	0	0	0	0	0	#	#	4	2
12-14 LST	8	7	3	0	0	0	0	0	#	#	2	5	2
15-17 LST	4	4	2	1	0	0	0	0	0	#	1	4	1
18-20 LST	5	3	2	#	0	0	0	0	0	#	1	3	1
21-23 LST	5	3	1	1	#	0	#	0	0	0	1	3	1
ALL HOURS	6	4	2	#	#	0	#	0	#	#	1	3	1

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	2	1	1	1	1	#	1	#	1	1
03-05 LST	#	#	1	#	2	#	0	0	#	#	1	1	1
06-08 LST	1	1	1	1	1	#	1	#	0	1	#	1	1
09-11 LST	#	#	1	1	#	0	#	0	#	1	#	1	#
12-14 LST	#	0	1	2	1	#	#	#	1	#	#	0	1
15-17 LST	1	0	2	2	#	#	1	1	#	0	1	1	1
18-20 LST	1	1	1	2	1	#	1	#	1	#	1	1	1
21-23 LST	#	#	1	1	2	0	#	0	1	#	#	0	#
ALL HOURS	1	#	1	1	1	#	0	#	#	1	#	1	1

(TASHAUZ, TURKMENISTAN)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73-DEC 90, THREE HOURLY
2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	10	4	3	2	1	1	#	1	2	5	19	5
03-05 LST	18	13	6	3	1	1	1	0	1	1	5	23	6
06-08 LST	21	15	8	3	1	1	1	#	1	1	9	21	7
09-11 LST	24	19	13	4	1	1	#	1	1	2	8	29	8
12-14 LST	23	16	9	3	1	#	#	#	#	2	9	25	7
15-17 LST	18	11	7	3	2	1	0	1	0	1	7	17	6
18-20 LST	12	9	6	2	1	1	1	1	1	1	5	13	4
21-23 LST	15	9	4	3	4	1	1	1	1	2	3	17	5
ALL HOURS	18	13	7	3	1	1	1	1	1	1	6	20	6

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	8	3	2	1	1	1	#	1	2	3	13	4
03-05 LST	13	9	4	2	0	1	1	0	1	#	5	17	5
06-08 LST	17	11	5	2	1	1	1	#	1	1	7	16	5
09-11 LST	16	16	9	3	1	1	#	1	1	1	7	21	6
12-14 LST	17	13	7	2	1	#	#	#	#	1	7	19	6
15-17 LST	13	7	4	3	2	1	0	1	0	1	5	11	4
18-20 LST	7	6	5	2	1	1	1	1	1	#	3	8	3
21-23 LST	10	7	3	3	4	1	1	1	1	2	2	12	4
ALL HOURS	13	10	5	2	1	1	1	1	1	1	5	15	4

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	4	1	1	#	#	#	0	#	1	1	7	2
03-05 LST	7	7	2	1	0	1	1	0	#	#	3	9	3
06-08 LST	11	8	2	1	#	#	#	#	1	#	4	11	3
09-11 LST	11	11	5	1	1	1	#	1	1	1	4	14	4
12-14 LST	10	7	2	1	#	#	#	#	0	1	3	11	3
15-17 LST	5	4	1	1	1	1	0	#	0	1	1	4	2
18-20 LST	3	3	3	1	#	#	1	#	1	#	1	4	1
21-23 LST	5	4	2	1	1	0	#	#	1	1	1	6	2
ALL HOURS	7	6	2	1	#	#	#	#	#	1	2	8	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	#	#	0	#	#	0	#	1	#	3	1
03-05 LST	3	1	1	1	0	#	1	0	#	#	1	3	1
06-08 LST	3	3	1	1	#	#	#	0	#	#	1	5	1
09-11 LST	4	2	3	#	0	1	#	1	1	0	2	7	2
12-14 LST	2	2	1	#	0	#	#	#	0	#	1	4	1
15-17 LST	1	1	1	0	1	#	0	#	0	0	#	1	#
18-20 LST	1	1	1	0	0	#	1	#	1	#	#	1	#
21-23 LST	1	1	0	0	1	0	0	#	1	1	#	1	#
ALL HOURS	2	2	1	#	#	#	#	#	#	#	1	3	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NUKUS, UZBEKISTAN
LOCATION: 4227N 5938E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 382640
ELEVATION (FEET): 253
PERIOD: 7301-9012

ICAO: UTNN
LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	71	87	107	100	102	109	111	106	98	94	96	111
MEAN DAILY MAX	1	28	31	46	65	77	87	91	86	77	59	45	61
MEAN	1	24	26	40	58	70	80	83	78	67	51	38	54
MEAN DAILY MIN	1	19	19	32	49	61	69	73	68	56	42	32	45
EXTREME MIN	1	-47	-16	-3	17	40	35	32	32	32	-8	1	-47
# DAYS GE 90	1	0	0	#	1	3	15	20	14	3	#	#	57
# DAYS LE 32	1	28	24	16	1	0	#	#	#	#	4	14	109
# DAYS LE 0	1	3	3	#	#	0	#	0	0	0	#	0	7
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	7	5	7	5	4	3	3	2	2	3	4	53
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	4	3	2	#	#	0	0	0	#	0	1	13
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (X) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST)	1	84	84	80	70	67	62	63	68	71	73	81	74
RH (18 LST)	1	65	69	47	36	31	30	29	30	32	41	57	46
VAPOR PRESS	1	.12	.11	.16	.26	.35	.45	.54	.47	.35	.23	.17	.28
DEWPOINT	1	18	18	27	39	47	54	59	56	47	36	28	38
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	E	NE	NNE	NE	N	N	N	N	N	ENE	ENE	NNE
MEAN SPEED													
(PVLG DRCTN)	1	8	10	9	10	10	10	10	9	8	8	8	9
MEAN SPEED													
(ALL OBS)	1	8	9	9	9	9	9	9	8	7	7	8	8
MAX PEAK GUST	1	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	150	300	350	350	350	500	450	400	400	300	500	500
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	4	4	4	3	2	2	1	1	3	4	3
DAYS TSTMS	1	#	0	0	1	1	1	#	#	#	#	0	4
DAYS FOG LT 7	1	17	13	10	3	#	#	#	#	1	3	10	76
DAYS BNBD LT 7	1	#	1	1	2	1	#	1	1	#	#	#	8
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

(NUKUS, UZBEKISTAN)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE 7301-9012 THREE HOURLY
2.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	50	41	30	13	7	6	4	4	3	8	27	53	21
03-05 LST	58	45	37	16	7	4	5	3	4	10	33	55	23
06-08 LST	63	49	45	17	7	5	4	3	6	15	42	58	26
09-11 LST	64	48	40	25	9	11	11	5	9	14	38	59	28
12-14 LST	50	38	37	27	12	10	11	11	8	13	32	48	25
15-17 LST	44	41	32	26	14	12	13	17	9	11	29	47	25
18-20 LST	47	38	35	29	18	17	17	19	19	19	31	50	28
21-23 LST	45	36	27	18	13	11	16	12	11	11	25	50	23
ALL HOURS	52	42	36	21	11	10	10	9	9	13	32	53	25

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	45	39	24	12	6	6	3	4	3	6	23	45	18
03-05 LST	50	42	33	15	7	4	4	3	4	7	28	50	21
06-08 LST	58	45	42	14	5	5	4	3	6	14	35	53	24
09-11 LST	60	46	35	20	9	11	10	5	9	12	33	55	25
12-14 LST	42	33	27	23	11	10	11	10	8	10	23	42	21
15-17 LST	35	34	25	23	12	12	13	17	9	8	22	39	21
18-20 LST	40	34	31	27	17	17	17	19	18	17	24	43	25
21-23 LST	41	33	22	17	13	11	15	12	11	9	21	42	21
ALL HOURS	46	38	30	19	10	9	10	9	8	10	26	46	22

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	18	10	4	3	2	2	3	1	3	9	27	9
03-05 LST	28	21	13	6	3	3	3	2	1	3	12	30	10
06-08 LST	34	26	21	5	1	1	2	2	2	4	16	34	12
09-11 LST	33	24	16	7	2	4	2	3	2	3	15	31	12
12-14 LST	22	17	10	6	1	2	2	2	2	4	9	22	8
15-17 LST	17	15	6	6	4	5	4	7	1	1	8	18	8
18-20 LST	20	18	8	7	4	4	5	6	3	3	8	20	9
21-23 LST	21	15	8	7	4	3	6	4	5	3	8	24	9
ALL HOURS	25	19	12	6	3	3	3	4	2	3	11	26	10

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	6	2	1	2	1	1	2	1	2	3	8	3
03-05 LST	9	8	2	2	2	1	1	2	1	2	5	9	4
06-08 LST	10	8	4	1	0	1	2	2	2	3	6	9	4
09-11 LST	6	4	2	1	1	2	1	1	1	1	2	6	2
12-14 LST	4	1	1	#	0	1	1	1	1	2	1	3	1
15-17 LST	1	3	1	1	2	1	2	3	1	#	#	4	2
18-20 LST	3	4	#	1	1	1	1	1	1	1	2	6	2
21-23 LST	6	4	1	2	2	2	4	4	3	2	3	7	3
ALL HOURS	6	5	2	1	1	1	1	2	1	2	3	7	3

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: NUKUS, UZBEKISTAN
 LOCATION: 4227N 5938E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 382640
 ELEVATION (FEET): 253
 PERIOD: 7301-9012

ICAO: UTNN
 LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	1	#	1	0	0	0	#	0	0	#
03-05 LST	0	0	0	#	#	1	0	0	0	0	0	0	#
06-08 LST	0	0	0	0	0	0	0	#	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	1	1	1	1	0	0	0	0	0	#
15-17 LST	0	0	0	0	1	0	0	0	1	#	0	#	#
18-20 LST	0	0	0	1	#	0	0	#	0	0	0	0	#
21-23 LST	0	0	0	#	1	0	1	0	0	0	0	0	#
ALL HOURS	#	0	0	#	#	#	#	#	#	#	0	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	4	3	2	2	0	1	1	3	2	6	2
03-05 LST	2	2	5	4	3	2	2	2	1	2	2	5	3
06-08 LST	2	2	4	4	2	1	2	2	1	3	2	3	2
09-11 LST	2	2	4	4	3	1	#	1	#	1	4	4	2
12-14 LST	1	1	3	4	1	2	2	1	0	1	3	3	2
15-17 LST	2	1	2	4	3	1	2	2	1	3	4	3	2
18-20 LST	2	2	4	5	2	2	1	1	2	2	2	4	2
21-23 LST	2	2	6	3	5	1	3	1	2	3	3	3	3
ALL HOURS	2	2	4	4	3	2	2	2	1	2	3	4	2

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	2	1	0	0	0	0	#	0	1	2	1
03-05 LST	5	5	1	1	0	0	0	0	0	0	0	4	1
06-08 LST	6	5	1	0	0	0	0	0	#	0	1	4	1
09-11 LST	9	4	4	0	0	0	#	0	0	0	2	7	2
12-14 LST	4	5	3	0	0	0	0	0	0	0	1	3	1
15-17 LST	4	3	2	1	0	0	0	0	0	0	1	2	1
18-20 LST	4	3	2	#	#	0	0	0	0	0	#	3	1
21-23 LST	4	3	2	#	0	0	0	0	0	0	#	4	1
ALL HOURS	5	4	2	#	#	0	#	0	#	0	1	4	1

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	1	1	1	1	1	1	1	#	1	0	#	1
03-05 LST	1	1	1	2	#	3	1	1	#	1	0	1	1
06-08 LST	0	1	#	#	#	0	#	#	0	#	0	0	#
09-11 LST	0	1	#	1	#	1	1	#	1	#	#	#	1
12-14 LST	#	1	5	2	1	3	2	2	1	1	1	1	2
15-17 LST	0	3	1	4	2	1	3	3	0	1	0	1	1
18-20 LST	1	#	1	1	#	#	1	0	1	#	#	#	1
21-23 LST	1	0	1	#	1	1	1	#	#	0	#	1	0
ALL HOURS	#	1	1	1	1	1	1	1	#	1	#	1	1

(NUKUS, UZBEKISTAN)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE 7301-9001 THREE HOURLY
2.

5. X FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	23	17	8	4	3	2	2	3	1	3	8	23	8
03-05 LST	26	20	13	5	3	3	3	2	1	3	11	26	10
06-08 LST	32	23	19	4	1	1	2	2	2	4	14	32	11
09-11 LST	31	23	15	7	2	4	2	3	2	3	13	26	11
12-14 LST	19	16	9	5	1	2	2	2	2	4	8	20	7
15-17 LST	14	13	6	5	4	5	4	7	1	1	5	17	7
18-20 LST	18	15	7	7	4	4	5	6	3	3	8	19	8
21-23 LST	19	14	7	6	4	3	6	4	5	3	8	22	9
ALL HOURS	23	18	10	6	3	3	3	4	2	3	9	23	9

6. X FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	14	5	3	3	2	1	3	1	3	6	18	6
03-05 LST	21	17	8	5	2	2	3	2	1	2	9	19	8
06-08 LST	26	20	14	3	#	1	2	2	2	4	13	26	9
09-11 LST	27	18	10	5	2	4	2	3	1	2	8	19	9
12-14 LST	13	12	7	4	#	2	2	2	2	3	5	16	6
15-17 LST	10	11	4	5	3	5	3	6	1	1	3	13	5
18-20 LST	12	12	6	6	3	4	4	5	2	3	6	14	6
21-23 LST	16	10	6	5	3	3	6	4	4	3	6	19	7
ALL HOURS	18	14	8	5	2	3	3	3	2	2	7	18	7

7. X FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	9	2	2	2	1	1	2	1	2	4	10	4
03-05 LST	13	11	3	2	2	2	1	2	1	2	7	12	5
06-08 LST	16	13	7	2	0	1	2	2	2	3	7	16	6
09-11 LST	14	6	3	2	1	3	2	2	1	2	3	10	4
12-14 LST	6	3	1	1	0	1	1	1	1	2	2	7	2
15-17 LST	4	4	1	1	2	1	2	4	1	#	1	6	2
18-20 LST	6	7	2	3	1	2	1	1	1	1	3	8	3
21-23 LST	10	6	2	2	2	2	4	4	3	2	4	11	4
ALL HOURS	10	7	3	2	1	2	2	2	1	2	4	10	4

8. X FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	3	1	1	1	1	1	2	1	2	2	5	2
03-05 LST	4	4	2	1	2	1	1	2	1	2	4	7	3
06-08 LST	6	5	3	#	0	1	2	2	1	2	5	6	3
09-11 LST	2	3	1	#	1	2	1	1	#	1	1	4	2
12-14 LST	2	#	1	#	0	1	1	1	1	1	#	2	1
15-17 LST	1	2	#	1	2	1	0	3	1	#	0	2	1
18-20 LST	1	2	0	1	#	1	#	1	1	1	2	3	1
21-23 LST	3	3	1	2	2	2	3	4	3	2	3	4	3
ALL HOURS	3	3	1	1	1	1	1	2	1	1	2	4	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SAMARKAND, UZBEKISTAN
LOCATION: 3934N 6658E
PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 386960
ELEVATION (FEET): 2375
PERIOD: 7301-9012

ICAO: UTSS
LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	71	73	86	92	100	107	105	106	98	93	88	107
MEAN DAILY MAX	1	40	44	54	68	77	88	91	88	80	67	55	66
MEAN	1	33	36	46	59	67	77	80	76	68	56	45	57
MEAN DAILY MIN	1	27	28	38	49	56	63	66	63	55	45	36	46
EXTREME MIN	1	0	-3	17	30	30	44	52	46	32	23	14	-3
# DAYS GE 90	1	0	0	0	#	2	14	23	15	2	#	0	56
# DAYS LE 32	1	22	18	8	1	#	#	#	#	#	2	10	78
# DAYS LE 0	1	#	#	0	0	0	0	0	0	0	0	#	0
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.4	1.2	2.3	2.8	1.3	.3	.1	#	.1	.8	.9	12.5
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	12	11	14	10	6	2	1	1	2	5	7	81
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	7	6	3	#	0	0	0	0	0	#	2	22
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST)	1	80	81	81	77	69	55	55	56	60	70	75	70
RH (14 LST)	1	65	59	54	45	34	24	25	26	29	37	46	42
VAPOR PRESS	1	.15	.16	.22	.31	.34	.36	.40	.37	.30	.25	.19	.27
DEWPOINT	1	26	27	35	44	47	48	52	49	44	38	32	39
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
MEAN SPEED													
(PVLG DRCTN)	1	9	10	10	9	8	8	7	7	8	8	9	9
MEAN SPEED													
(ALL OBS)	1	7	8	9	9	9	8	8	8	8	7	7	8
MAX PEAK GUST	1	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	2900	3050	2900	2940	3120	3150	3150	2950	2700	2800	2950	3150
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	4	2	1	1	1	3	4	3
DAYS TSTMS	1	1	#	1	5	4	1	1	#	#	#	#	14
DAYS FOG LT 7	1	12	10	9	2	1	#	#	#	#	3	7	56
DAYS BNBD LT 7	1	#	#	#	#	#	#	#	#	#	#	#	2

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(SAMARKAND, UZBEKISTAN)

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ = % CALM GT PVLGN DRCTN
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY.
2. NATIONAL INTELLIGENCE SURVEY, MAR 60, 55 YEARS OF RECORD.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	40	40	31	11	5	1	4	1	3	12	24	39	17
03-05 LST	40	39	36	12	4	2	#	2	1	11	25	38	17
06-08 LST	39	38	35	16	5	1	2	2	3	13	25	36	18
09-11 LST	34	35	29	15	5	3	3	4	4	13	22	34	17
12-14 LST	30	29	26	16	6	5	3	3	4	13	13	28	15
15-17 LST	32	29	26	13	6	2	2	2	3	12	19	27	15
18-20 LST	37	37	25	13	5	3	3	3	3	12	19	33	16
21-23 LST	37	39	27	11	5	2	2	2	3	10	22	36	16
ALL HOURS	36	36	29	13	5	2	2	2	3	12	21	34	16

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	39	40	30	10	5	1	4	1	2	12	23	38	17
03-05 LST	39	37	34	11	4	2	#	2	1	10	24	37	17
06-08 LST	37	37	33	14	4	#	1	2	2	12	23	34	17
09-11 LST	34	33	25	13	4	3	3	4	4	10	20	32	15
12-14 LST	25	24	21	12	4	4	3	3	3	11	11	26	12
15-17 LST	29	26	21	10	5	2	2	2	3	10	16	25	13
18-20 LST	35	35	24	12	4	2	3	3	3	11	18	31	15
21-23 LST	35	39	25	10	5	2	2	2	3	10	20	34	16
ALL HOURS	34	34	26	12	4	2	2	2	3	11	19	32	15

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	25	24	12	6	1	#	2	1	1	7	13	24	10
03-05 LST	25	23	18	6	1	1	0	1	#	4	14	25	10
06-08 LST	27	21	17	7	1	0	#	1	1	5	10	24	10
09-11 LST	18	18	11	4	1	1	1	1	1	4	8	18	7
12-14 LST	15	14	8	2	1	2	1	1	#	3	5	14	6
15-17 LST	16	13	8	2	1	#	0	1	#	3	7	13	5
18-20 LST	21	15	9	4	2	1	1	1	1	5	8	18	7
21-23 LST	20	21	10	4	1	1	1	#	1	5	12	21	8
ALL HOURS	21	19	12	4	1	1	1	1	1	4	10	20	8

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	4	1	1	1	0	2	#	#	2	4	3	2
03-05 LST	5	4	4	1	#	1	0	1	0	1	5	6	2
06-08 LST	5	4	4	#	#	0	0	1	#	1	4	5	2
09-11 LST	3	2	1	1	0	1	0	#	0	#	1	3	1
12-14 LST	3	1	1	1	0	1	1	#	#	0	2	3	1
15-17 LST	2	1	#	#	#	0	0	1	0	1	2	2	1
18-20 LST	3	3	1	0	1	1	#	1	0	1	1	3	1
21-23 LST	4	4	1	1	0	#	#	#	#	1	3	6	2
ALL HOURS	4	3	2	1	#	#	#	1	#	1	3	4	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: SAMARKAND, UZBEKISTAN
 LOCATION: 3934N 6658E
 PREPARED BY: USAFETAC/ECO, FEB 1992

STATION #: 386960
 ELEVATION (FEET): 2375
 PERIOD: 7301-9012

ICAO: UTSS
 LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	0	2	#	#	0	0	0	0	0	0	#
03-05 LST	0	#	0	2	1	0	0	0	0	0	#	#	#
06-08 LST	#	0	1	1	1	#	0	0	0	#	1	#	#
09-11 LST	0	#	0	1	#	0	0	#	0	0	0	#	#
12-14 LST	1	0	0	1	1	1	1	0	0	0	0	0	#
15-17 LST	0	#	0	3	2	1	1	#	#	0	0	0	1
18-20 LST	0	0	0	2	2	#	0	0	0	0	0	0	#
21-23 LST	#	0	1	1	2	#	0	0	0	0	0	0	#
ALL HOURS	#	#	#	2	1	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	7	11	7	3	#	0	#	1	3	3	6	4
03-05 LST	5	7	11	10	4	0	1	#	#	4	4	6	4
06-08 LST	8	6	12	13	4	#	#	0	1	4	6	9	5
09-11 LST	7	4	11	10	3	#	#	#	1	3	4	8	4
12-14 LST	5	7	10	6	1	1	#	#	0	3	4	7	4
15-17 LST	5	7	12	10	4	1	1	#	1	3	5	6	5
18-20 LST	7	10	13	8	3	0	0	0	#	5	5	10	5
21-23 LST	4	7	13	7	4	#	#	0	#	3	5	4	4
ALL HOURS	6	7	12	9	3	#	#	#	1	3	4	7	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	8	3	0	0	0	0	0	0	1	3	6	2
03-05 LST	9	13	4	#	0	0	0	0	0	#	2	5	3
06-08 LST	12	10	6	#	0	0	0	0	0	1	4	5	3
09-11 LST	10	9	3	#	0	0	0	0	0	#	1	6	2
12-14 LST	8	10	3	1	#	0	0	0	0	#	2	5	2
15-17 LST	8	9	3	#	#	0	0	#	0	#	2	4	2
18-20 LST	7	9	3	0	#	0	0	0	0	#	3	4	2
21-23 LST	9	8	4	#	0	0	0	0	0	#	3	5	2
ALL HOURS	9	10	4	#	#	0	0	#	0	#	2	5	3

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	3	3	2	1	0	0	1	1	1	1	1
03-05 LST	2	3	3	3	2	1	#	1	2	1	2	#	2
06-08 LST	1	1	1	2	2	1	0	0	#	#	#	1	1
09-11 LST	1	2	4	4	5	5	3	4	2	1	1	1	3
12-14 LST	2	3	6	5	4	5	4	1	2	3	3	2	3
15-17 LST	2	2	4	7	6	4	4	3	3	2	1	1	3
18-20 LST	2	2	5	4	1	2	1	1	0	#	1	3	2
21-23 LST	0	2	2	4	2	#	0	0	#	1	2	2	1
ALL HOURS	1	2	3	4	3	2	2	1	1	1	1	1	2

(SAMARKAND, UZBEKISTAN)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY.
2. NATIONAL INTELLIGENCE SURVEY, MAR 60, 55 YEARS OF RECORD.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	22	22	11	5	1	#	2	1	1	7	13	23	9
03-05 LST	24	22	16	5	1	1	0	1	#	3	13	21	9
06-06 LST	25	20	16	6	1	0	#	1	1	5	9	22	9
09-11 LST	16	16	8	4	1	1	1	1	1	4	7	15	6
12-14 LST	12	12	7	2	1	2	1	1	#	3	4	13	5
15-17 LST	15	11	7	2	1	#	0	1	#	3	6	12	5
18-20 LST	19	14	9	3	1	1	1	1	1	5	8	16	7
21-23 LST	19	18	9	3	1	1	1	#	1	5	11	21	8
ALL HOURS	19	17	10	4	1	1	1	1	1	4	9	18	7

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	18	6	2	1	#	2	#	1	5	11	17	7
03-05 LST	17	17	10	2	1	1	0	1	#	3	11	16	7
06-08 LST	20	16	9	2	1	0	#	1	1	3	8	16	6
09-11 LST	12	11	3	2	#	1	1	#	1	1	5	10	4
12-14 LST	9	7	4	1	1	1	1	1	#	2	3	9	3
15-17 LST	10	6	3	1	1	#	0	1	#	2	4	8	3
18-20 LST	16	10	5	1	1	1	1	1	1	3	5	13	5
21-23 LST	13	14	5	1	1	#	1	#	1	4	7	16	5
ALL HOURS	14	12	6	2	1	1	1	1	1	3	7	13	5

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	9	2	2	1	#	2	#	1	4	8	9	4
03-05 LST	11	8	6	2	#	1	0	1	#	2	7	11	4
06-08 LST	11	8	6	1	1	0	0	1	1	2	4	10	4
09-11 LST	6	5	1	1	#	1	0	#	#	#	2	5	2
12-14 LST	5	3	2	1	#	1	1	#	#	#	2	5	2
15-17 LST	5	4	1	1	1	0	0	1	#	1	2	5	2
18-20 LST	9	6	2	#	1	1	#	1	#	2	3	6	3
21-23 LST	8	9	1	1	#	#	#	#	1	3	4	10	3
ALL HOURS	8	7	3	1	0	1	#	1	#	2	4	7	3

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	#	1	1	0	1	#	#	2	3	2	1
03-05 LST	2	2	2	0	#	#	0	1	0	1	3	3	1
06-08 LST	3	2	4	#	#	0	0	1	#	1	2	3	1
09-11 LST	1	1	#	1	0	1	0	#	0	#	#	1	1
12-14 LST	1	#	1	1	0	1	#	#	#	0	1	1	1
15-17 LST	1	1	0	#	#	0	0	#	0	1	1	1	#
18-20 LST	1	1	1	0	1	1	#	1	0	1	#	1	1
21-23 LST	2	2	#	#	0	#	#	0	#	1	1	3	1
ALL HOURS	2	1	1	#	#	#	#	#	#	1	1	2	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TASHKENT/YUZHNY, UZBEKISTAN
LOCATION: 4116N 6917E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 384570
ELEVATION (FEET): 1404
PERIOD: 7301-9012

ICAO: UTTT
LST = GMT + 6

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	70	73	86	95	101	107	109	105	100	95	85	78 109
MEAN DAILY MAX	1	40	44	55	70	79	91	95	92	82	67	54	45 68
MEAN	1	34	37	47	61	69	79	83	79	69	56	46	37 58
MEAN DAILY MIN	1	28	30	40	51	57	65	68	65	56	46	39	32 48
EXTREME MIN	1	0	-5	18	29	30	44	42	39	32	23	17	0 -5
# DAYS GE 90	1	0	0	0	#	3	16	26	20	3	#	0	0 68
# DAYS LE 32	1	21	16	7	#	#	0	0	0	#	1	8	15 68
# DAYS LE 0	1	#	#	0	0	0	0	0	0	0	0	0	# #
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.8	1.4	2.5	2.0	1.5	.5	.1	.1	.2	1.0	1.3	1.7 13.7
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	12	11	13	11	7	3	2	1	2	7	9	11 89
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	8	7	3	#	0	0	0	0	#	1	2	4 25
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (06 LST)	1	79	76	73	72	70	57	56	61	63	72	75	77 69
RH (15 LST)	1	61	55	51	41	34	25	24	26	26	38	52	62 41
VAPOR PRESS	1	.15	.15	.21	.31	.37	.39	.44	.43	.32	.26	.21	.17 .28
DEWPOINT	1	25	26	34	44	49	51	54	53	45	40	34	28 40
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	ENE	ENE	NE	ENE	ENE	ENE	E	ENE	ENE	ENE	ENE	ENE
MEAN SPEED													
(PVLG DRCTN)	1	4	5	5	4	4	4	4	3	4	4	4	5 4
MEAN SPEED													
(ALL OBS)	1	3	4	4	4	4	4	4	4	3	3	3	3 4
MAX PEAK GUST	1	19	17	25	35	29	23	19	19	19	25	17	17 35
PRESSURE ALT	1	1900	2000	2050	1950	2100	2250	2300	2450	2250	2000	2000	2050 2450
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	4	2	1	1	1	3	4	5 4
DAYS TSTMS	1	#	#	1	4	4	2	1	#	0	#	#	# 14
DAYS FOG LT 7	1	18	14	9	3	2	#	1	1	2	7	14	19 91
DAYS BNBD LT 7	1	#	#	0	#	#	#	#	#	#	#	#	# 2

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(TASHKENT, UZBEKISTAN)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAR 60, 56 YEARS OF RECORD

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	55	49	32	26	17	9	10	8	12	27	44	60	29
03-05 LST	56	54	35	29	22	14	15	12	20	29	47	57	33
06-08 LST	50	50	35	31	23	14	14	14	16	28	42	53	31
09-11 LST	65	58	50	36	18	13	20	21	28	47	56	65	40
12-14 LST	60	52	41	23	12	5	5	5	10	31	49	62	30
15-17 LST	55	49	42	23	11	4	1	3	5	21	45	61	27
18-20 LST	59	46	33	19	12	8	3	1	4	23	53	65	27
21-23 LST	60	53	33	28	16	15	14	16	20	40	51	66	34
ALL HOURS	58	52	37	27	16	10	10	10	14	31	48	61	31

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	50	41	25	18	12	7	9	8	11	24	39	55	25
03-05 LST	52	47	28	22	18	14	13	12	19	26	43	53	29
06-08 LST	46	44	29	22	19	12	12	14	14	22	35	48	26
09-11 LST	63	54	42	29	13	11	18	20	26	44	50	61	36
12-14 LST	57	49	32	16	5	3	4	4	8	28	45	58	26
15-17 LST	52	43	28	9	3	2	1	2	2	15	39	56	21
18-20 LST	56	40	22	9	6	4	1	1	2	19	47	61	22
21-23 LST	57	47	24	20	11	13	12	15	17	35	45	61	30
ALL HOURS	54	46	29	18	11	8	9	9	12	26	43	57	27

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	29	13	8	6	5	6	5	7	17	26	42	17
03-05 LST	38	35	17	12	12	11	11	8	14	19	29	40	20
06-08 LST	34	29	15	12	10	9	10	11	12	15	22	35	18
09-11 LST	49	40	25	15	6	8	9	14	16	30	34	49	25
12-14 LST	39	30	14	4	1	0	1	1	1	10	21	40	13
15-17 LST	36	24	11	2	#	1	#	#	1	4	17	38	11
18-20 LST	38	23	8	3	1	1	1	#	0	8	24	41	12
21-23 LST	44	32	15	8	4	8	9	8	11	28	30	48	20
ALL HOURS	39	30	15	8	5	5	6	6	8	16	25	42	17

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	3	1	#	#	#	0	#	#	#	2	9	2
03-05 LST	8	5	1	#	1	1	#	1	#	1	3	10	3
06-08 LST	7	7	1	#	#	0	#	#	1	1	3	9	2
09-11 LST	10	8	3	1	#	#	#	#	0	1	6	13	4
12-14 LST	6	3	1	1	0	0	0	0	0	#	2	8	2
15-17 LST	2	1	#	#	0	#	#	#	#	#	2	4	1
18-20 LST	4	1	1	#	#	#	#	0	0	#	2	4	1
21-23 LST	6	2	0	#	#	1	#	#	0	#	2	8	2
ALL HOURS	6	4	1	#	#	#	#	#	#	1	3	8	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TASHKENT/YUZHNY, UZBEKISTAN
LOCATION: 4116N 6917E
PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 384570
ELEVATION (FEET): 1404
PERIOD: 7301-9012

ICAO: UTTT
LST = GMT + 6

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	1	1	1	#	#	0	0	#	0	#
03-05 LST	0	0	0	2	#	#	#	0	0	0	0	0	#
06-08 LST	0	#	#	#	1	1	#	0	0	0	0	0	#
09-11 LST	#	0	0	#	1	0	#	#	0	0	0	0	#
12-14 LST	0	0	0	0	#	#	#	#	0	0	0	#	#
15-17 LST	0	#	0	0	1	#	0	#	0	0	0	0	#
18-20 LST	#	0	#	1	2	1	#	0	0	0	#	0	#
21-23 LST	0	0	#	1	2	1	#	#	0	#	0	0	#
ALL HOURS	#	#	#	1	1	1	#	#	0	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	4	8	9	4	1	#	0	1	4	6	6	4
03-05 LST	4	4	8	9	5	#	#	#	#	4	4	5	4
06-08 LST	4	5	8	8	4	1	1	#	#	4	5	7	4
09-11 LST	6	6	8	7	4	1	1	1	1	4	4	5	4
12-14 LST	4	6	8	6	3	2	1	0	1	4	3	5	4
15-17 LST	5	5	7	6	3	#	0	#	1	3	5	5	3
18-20 LST	6	6	8	7	4	2	1	#	1	4	5	6	4
21-23 LST	5	5	8	9	4	2	#	#	1	4	6	6	4
ALL HOURS	4	5	8	7	4	1	1	#	1	4	5	6	4

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	9	7	4	0	0	0	0	0	#	1	2	5	2
03-05 LST	8	8	3	0	0	0	#	#	0	1	3	5	2
06-08 LST	8	10	6	#	0	0	0	0	0	#	2	6	3
09-11 LST	8	7	5	#	0	0	0	0	0	#	2	4	2
12-14 LST	10	9	3	0	0	0	0	0	#	#	2	5	2
15-17 LST	9	7	3	0	0	0	0	0	0	#	2	5	2
18-20 LST	8	8	3	#	0	0	0	0	0	#	2	5	2
21-23 LST	8	7	2	0	0	0	0	0	#	#	2	4	2
ALL HOURS	8	8	4	#	0	0	#	#	#	1	2	5	2

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	0	0	#	0	#	#	#	#	0	#
03-05 LST	0	#	#	#	0	0	#	0	0	0	0	0	#
06-08 LST	0	0	0	0	#	#	0	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	#	#	0	#
12-14 LST	#	0	0	0	0	#	0	#	#	#	0	#	#
15-17 LST	0	#	0	#	#	0	0	#	0	#	0	#	#
18-20 LST	#	#	0	#	#	#	0	#	0	0	0	#	#
21-23 LST	0	0	0	0	#	#	#	0	0	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

(TASHKENT, UZBEKISTAN)

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JSN 73-DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAR 60, 56 YEARS OF RECORD

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	36	29	13	8	6	5	6	5	7	17	26	42	17
03-05 LST	38	35	17	11	12	11	11	8	14	19	29	40	20
06-08 LST	34	29	15	12	10	9	10	11	12	15	22	35	18
09-11 LST	49	40	25	15	6	8	9	14	16	30	34	49	25
12-14 LST	39	30	13	4	1	0	1	1	1	10	21	40	13
15-17 LST	36	24	10	2	#	1	#	#	1	4	17	38	11
18-20 LST	38	23	8	3	1	1	1	#	0	8	24	41	12
21-23 LST	43	32	15	8	4	8	9	8	11	28	30	48	20
ALL HOURS	39	30	15	8	5	5	6	6	8	16	25	41	17

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	28	21	6	2	2	1	1	#	1	7	16	32	10
03-05 LST	29	25	10	4	5	6	5	3	5	9	20	31	13
06-08 LST	27	22	10	5	5	5	6	6	5	7	16	26	11
09-11 LST	39	33	19	7	2	4	3	5	5	16	22	41	16
12-14 LST	35	24	10	2	0	#	#	#	#	5	14	34	10
15-17 LST	30	16	7	1	#	1	#	#	#	2	12	31	8
18-20 LST	30	15	5	1	1	#	1	#	0	4	15	31	9
21-23 LST	31	19	6	1	#	2	2	1	1	13	20	37	11
ALL HOURS	31	22	9	3	2	2	2	2	2	8	17	33	11

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	17	8	2	1	1	#	#	#	#	2	7	19	5
03-05 LST	16	12	3	1	3	3	2	2	3	4	10	19	7
06-08 LST	18	12	4	2	3	2	2	2	3	3	7	16	6
09-11 LST	24	19	8	2	1	1	#	1	#	6	13	26	8
12-14 LST	20	10	3	1	0	#	#	0	0	1	6	20	5
15-17 LST	14	6	2	#	#	#	#	#	#	1	6	17	4
18-20 LST	16	5	2	1	#	#	1	0	0	2	6	16	4
21-23 LST	16	9	2	1	#	1	#	1	#	5	12	21	6
ALL HOURS	18	10	3	1	1	1	1	1	1	3	8	19	6

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	2	#	#	#	#	0	#	#	#	2	5	1
03-05 LST	6	4	1	0	0	#	#	#	#	1	2	6	2
06-08 LST	5	5	#	#	#	#	#	#	0	#	3	6	2
09-11 LST	7	4	2	#	#	#	#	#	0	#	4	7	2
12-14 LST	2	1	#	1	0	0	0	0	0	#	1	4	1
15-17 LST	1	1	#	0	0	0	#	#	#	#	1	1	#
18-20 LST	2	1	#	0	#	#	#	0	0	#	1	3	1
21-23 LST	3	2	0	#	#	1	0	#	0	#	2	5	1
ALL HOURS	4	2	1	#	#	#	#	#	#	#	2	5	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TERMEZ, UZBEKISTAN
 LOCATION: 3714N 6717E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 389270
 ELEVATION (FEET): 991
 PERIOD: 7301-9012

ICAO: UTST
 LST = GMT + 5

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX	1	71	76	89	99	109	113	122	111	103	94	88	79 122
MEAN DAILY MAX	1	46	51	62	77	88	98	101	97	88	75	62	51 75
MEAN	1	38	42	53	66	76	83	86	82	72	61	50	43 63
MEAN DAILY MIN	1	30	33	43	55	62	68	71	67	57	48	40	34 51
EXTREME MIN	1	-1	12	22	28	34	48	54	50	43	28	14	8 -1
# DAYS GE 90	1	0	0	0	4	17	28	30	29	16	1	#	# 125
# DAYS LE 32	1	19	13	2	#	0	0	0	0	0	#	4	12 50
# DAYS LE 0	1	#	0	0	0	0	0	0	0	0	0	0	# 0
2. PRECIPITATION (INCHES)													
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	.7	.6	1.1	.7	.5	#	#	#	#	.2	.3	.6 4.7
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004	1	9	8	10	7	3	1	1	1	1	3	4	7 55
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN		*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1	4	2	1	#	#	#	0	0	0	#	1	2 10
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (5 LST)	1	87	83	79	76	64	54	55	57	65	70	76	83 71
RH (14 LST)	1	59	52	45	38	27	21	22	22	23	31	41	57 37
VAPOR PRESS	1	.18	.19	.25	.35	.38	.40	.47	.42	.35	.28	.23	.20 .31
DEWPOINT	1	30	32	39	48	50	52	56	53	48	42	36	34 43
5. SURFACE WINDS 16 FT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1	\$NNE	\$NNE	NNE	NE	WSW	W	W	W	\$WSW	\$NNE	\$NNE	\$NNE \$WSW
MEAN SPEED													
(PVLG DRCTN)	1	5	6	7	7	11	9	8	7	7	5	5	5 7
MEAN SPEED													
(ALL OBS)	1	5	6	7	7	6	6	6	5	4	5	4	5 6
MAX PEAK GUST	1	37	41	43	45	35	*	*	*	*	39	45	41 45
PRESSURE ALT	1	1600	1720	1970	1850	1900	1850	1900	2050	2030	1820	1920	1750 2050
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1	5	5	5	5	4	1	1	1	1	2	4	5 3
DAYS TSTMS	1	0	#	1	2	0	0	0	0	0	0	0	# 3
DAYS FOG LT 7	1	19	12	6	2	#	0	#	#	1	2	10	17 69
DAYS BNBD LT 7	1	1	1	1	2	2	1	1	1	1	2	2	1 17

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

(TERMEZ, UZBEKISTAN)

REMARKS: * - DATA NOT AVAILABLE # - LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS
APPLICABLE \$ - % CALM GT PVLGN DRCTN
C - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAR 60, 18 YEARS OF RECORD

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
(CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	41	33	18	11	9	7	9	10	6	16	17	34	18
03-05 LST	51	39	26	14	8	7	9	10	9	14	27	46	22
06-08 LST	65	49	28	16	13	11	19	16	13	24	47	60	30
09-11 LST	49	40	25	19	15	19	23	20	14	19	31	49	27
12-14 LST	44	38	24	15	14	11	17	11	14	17	29	41	23
15-17 LST	31	28	20	12	10	9	9	10	9	15	22	32	17
18-20 LST	32	27	17	12	13	10	14	12	10	16	21	32	18
21-23 LST	34	26	17	13	10	8	11	11	8	15	20	31	17
ALL HOURS	43	35	22	14	12	10	14	12	10	17	27	41	21

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	40	30	17	11	9	7	9	10	6	15	16	32	17
03-05 LST	50	36	25	13	8	7	9	10	9	14	26	45	21
06-08 LST	64	46	27	15	12	11	19	16	13	24	46	58	29
09-11 LST	48	38	20	16	14	19	23	20	14	19	30	48	26
12-14 LST	38	30	19	12	14	11	17	11	14	17	26	36	20
15-17 LST	27	20	16	10	10	9	9	10	9	15	19	28	15
18-20 LST	29	22	14	11	13	10	14	11	10	16	20	30	17
21-23 LST	31	23	15	13	10	8	11	11	8	15	18	29	16
ALL HOURS	41	31	19	13	11	10	14	12	10	17	25	38	20

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	19	13	7	3	2	1	4	2	2	6	6	10	6
03-05 LST	23	16	9	4	2	3	3	2	3	4	9	20	8
06-08 LST	38	23	9	6	5	3	5	4	3	7	16	33	13
09-11 LST	23	16	9	5	5	7	7	6	4	7	9	19	10
12-14 LST	15	11	6	2	3	3	3	3	5	7	9	14	7
15-17 LST	12	10	6	3	2	2	3	2	2	7	5	10	5
18-20 LST	14	9	6	4	3	3	4	2	3	5	5	11	6
21-23 LST	13	10	7	3	3	2	3	2	2	4	5	9	5
ALL HOURS	20	14	7	4	3	3	4	3	3	6	8	16	7

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	1	0	1	0	1	1	1	2	2	2	1
03-05 LST	5	3	1	#	#	#	#	#	1	1	2	4	2
06-08 LST	6	2	1	1	0	1	1	1	1	#	3	6	2
09-11 LST	4	1	1	#	0	1	2	1	1	1	2	2	1
12-14 LST	2	1	#	0	0	1	1	1	1	1	1	2	1
15-17 LST	1	1	1	1	#	#	1	1	#	2	#	1	1
18-20 LST	1	1	1	1	0	#	1	0	0	1	1	2	1
21-23 LST	2	1	#	#	#	1	#	#	1	1	1	2	1
ALL HOURS	3	2	1	#	#	1	1	1	1	1	1	3	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TERMEZ, UZBEKISTAN
 LOCATION: 3714N 6717E
 PREPARED BY: USAFETAC/ECO, JAN 1992

STATION #: 389270
 ELEVATION (FEET): 991
 PERIOD: 7301-9012

ICAO: UTST
 LST = GMT + 5

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	#	1	0	0	0	0	0	0	0	#
03-05 LST	0	0	0	#	1	0	0	#	0	0	0	#	#
06-08 LST	0	0	0	0	#	0	0	0	0	0	0	0	#
09-11 LST	0	0	#	#	#	0	0	0	0	#	0	0	#
12-14 LST	0	1	0	0	0	0	0	0	0	0	0	0	#
15-17 LST	0	0	#	1	1	#	0	0	0	0	0	0	#
18-20 LST	0	0	1	#	1	#	#	0	0	0	0	0	#
21-23 LST	0	0	0	1	1	0	0	0	0	0	0	#	#
ALL HOURS	0	#	#	#	1	0	0	0	0	0	0	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	6	10	3	3	1	0	1	0	1	2	5	3
03-05 LST	6	5	10	6	2	#	0	0	0	1	2	5	3
06-08 LST	5	6	10	4	2	#	1	0	0	1	2	3	3
09-11 LST	5	4	8	4	2	#	#	0	0	1	2	5	3
12-14 LST	2	5	5	4	2	0	0	#	0	1	2	5	2
15-17 LST	4	4	7	4	1	#	0	0	0	1	1	5	2
18-20 LST	5	5	6	3	2	1	0	#	0	2	2	4	3
21-23 LST	4	6	9	4	3	0	#	0	#	2	3	4	3
ALL HOURS	4	5	8	4	2	#	#	#	#	1	2	4	3

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	3	#	#	0	#	#	0	0	1	1	2	1
03-05 LST	6	3	1	#	#	0	0	0	0	#	1	3	1
06-08 LST	6	4	1	0	#	0	0	0	0	1	2	3	1
09-11 LST	4	4	1	0	0	0	0	0	0	#	1	1	1
12-14 LST	3	4	1	0	0	0	0	0	0	0	#	1	1
15-17 LST	4	3	1	#	0	0	0	0	0	#	#	1	1
18-20 LST	5	2	1	0	0	0	0	0	0	1	1	2	1
21-23 LST	7	3	#	0	#	#	0	0	0	#	1	1	1
ALL HOURS	5	3	1	#	#	#	#	0	0	#	1	2	1

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	3	1	2	#	#	#	0	#	1	1	1	1
03-05 LST	2	2	2	2	1	1	#	1	1	1	1	#	1
06-08 LST	1	1	2	1	2	#	1	0	1	#	1	1	1
09-11 LST	1	2	2	1	1	1	#	1	1	1	1	1	1
12-14 LST	1	2	3	1	1	#	1	0	#	#	2	1	1
15-17 LST	#	2	3	2	1	1	1	#	0	#	1	1	1
18-20 LST	1	1	2	#	1	0	1	0	#	1	1	2	1
21-23 LST	1	2	2	2	#	#	0	#	#	1	1	#	1
ALL HOURS	1	2	2	1	1	#	1	#	#	1	1	1	1

(TERMEZ, UZBEKISTAN)

REMARKS: * - DATA NOT AVAILABLE # - 0.0 LT 0.5, MI - STATUTE MILES
c - BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE, JAN 73 - DEC 90, THREE HOURLY
2. NATIONAL INTELLIGENCE SURVEY, MAR 60, 18 YEARS OF RECORD

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	16	10	5	3	2	1	4	2	2	5	6	9	6
03-05 LST	22	14	7	3	2	3	3	2	3	4	9	18	7
06-08 LST	37	22	7	5	4	3	5	4	3	7	14	31	12
09-11 LST	20	13	8	5	5	7	7	6	4	7	7	17	9
12-14 LST	12	8	5	2	3	3	3	3	5	6	8	13	6
15-17 LST	9	9	6	3	2	2	3	2	2	6	4	9	5
18-20 LST	12	7	5	3	3	3	4	2	3	5	4	9	5
21-23 LST	12	8	6	3	3	2	3	2	2	3	5	7	5
ALL HOURS	18	11	6	3	3	3	4	3	3	6	7	14	7

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	7	4	2	1	1	3	2	2	5	4	6	4
03-05 LST	17	11	4	2	1	2	3	2	3	4	8	14	6
06-08 LST	32	17	7	3	4	3	5	4	3	6	13	27	10
09-11 LST	15	10	5	4	5	7	7	6	4	6	6	14	7
12-14 LST	9	7	5	2	3	2	3	3	5	6	8	10	5
15-17 LST	7	8	5	3	2	2	3	1	2	6	4	6	4
18-20 LST	9	4	4	2	3	3	3	2	3	4	3	7	4
21-23 LST	9	5	3	3	3	2	3	2	2	3	3	5	4
ALL HOURS	14	9	4	3	3	3	4	3	3	5	6	11	6

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	3	1	1	1	0	2	1	1	2	2	3	2
03-05 LST	8	4	2	1	#	1	1	1	2	2	2	5	2
06-08 LST	14	6	2	2	1	1	2	2	2	2	5	13	4
09-11 LST	5	3	2	2	#	3	3	2	1	2	2	4	3
12-14 LST	3	2	1	1	#	1	2	2	1	1	3	3	2
15-17 LST	3	2	2	1	1	#	1	1	#	2	2	2	1
18-20 LST	3	1	2	1	#	1	2	#	1	1	2	3	1
21-23 LST	4	1	1	#	1	1	1	1	1	2	2	4	1
ALL HOURS	6	3	1	1	1	1	2	1	1	2	3	5	2

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	2	#	0	1	0	#	#	0	1	1	1	1
03-05 LST	5	2	1	#	#	#	#	#	#	#	1	3	1
06-08 LST	4	2	1	1	0	#	1	1	1	0	3	4	1
09-11 LST	3	1	0	0	0	1	1	1	#	1	1	2	1
12-14 LST	1	#	0	0	0	0	#	1	#	1	1	1	#
15-17 LST	1	#	#	#	#	0	#	#	#	1	#	1	#
18-20 LST	#	1	0	0	0	#	1	0	0	1	1	1	#
21-23 LST	1	#	#	#	#	#	#	#	#	#	#	2	#
ALL HOURS	2	1	#	#	#	#	#	1	#	1	1	2	1

DISTRIBUTION

HQ USAF XOOOW RM BD927 5054 AIR FORCE PENTAGON WASHINGTON DC 20330-5054	1
OSAF SS RM 4C1052 6560 AIR FORCE PENTAGON WASHINGTON DC 20330-6560	1
USTC J3 J4-QW BLDG 1900 508 SCOTT DR SCOTT AFB IL 62225-5357	1
TACC WXF BLDG 1600 SCOTT AFB IL 62225-5000	1
AWS DO 102 W LOSEY ST BLDG 1521 SCOTT AFB IL 62225-5206	1
DET 5 HQ AWS WALL STUDIO BLDG 0902 709 H ST STE 201 KEESLER AFB MS 39534-2447	1
OL-B HQ AWS (ESC AVD) 20 SCHILLING CIRCLE HANSCOM AFB MA 01731-2816	1
OL-F HQ AWS SMC CIA PO BOX 92960 2401 EL SEGUNDO BLVD LOS ANGELES CA 90009-2960	1
OL-K HQ AWS NEXRAD OPS SUPPORT FACILITY 3200 MARSHALL DR STE 100 NORMAN OK 73072-8028	1
OL-N HQ AWS C O ARL (AMSRL-BE-W) BLDG 1646 RM 24 WHITE SANDS MISSILE RNG NM 88002-5501	1
OL-M HQ AWS SM-ALC H 320 PEACEKEEPER WAY STE 3 MCCLELLAN AFB CA 95652-1027	1
HQ AFGWC DO MBB39 106 PEACEKEEPER DR STE 2N3 OFFUTT AFB NE 86113-4039	1
HQ AFGWC DOM MBB39 106 PEACEKEEPER DR STE 2N3 OFFUTT AFB NE 86113-4039	1
HQ AFGWC SY MBB39 106 PEACEKEEPER DR STE 2N3 OFFUTT AFB NE 86113-4039	1
AFSFC DOM 715 KEPLER AVE STE 60 FALCON AFB CO 80912-7160	1
USAFETAC 859 BUCHANAN ST SCOTT AFB IL 62225-5116	1
OL-A USAFETAC FEDERAL BUILDING RM 305 ASHEVILLE NC 28801-2723	2
USSTRATCOM J3615 901 SAC BLVD STE 1F14 OFFUTT AFB NE 68113-6700	1
USCENTCOM CCJ3-W BLDG 540 MACDILL BLVD MACDILL AFB FL 33608-7001	1
USSOCENT SOCJ2-SWO 7115 S BOUNDARY BLVD MACDILL AFB FL 33621-5101	1
USSOCOM SOJ3-W SPEC OPS MACDILL AFB FL 33605-6001	1
ACC DOW 30 ELM ST STE 215 LANGLEY AFB VA 23655-2093	1
1 WS CC 190 E FLIGHTLINE RD STE 100 LANGLEY AFB VA 23665-5508	1
1 WS CC WEATHER SUPPORT UNIT BLDG 693 RM 203 LANGLEY AFB VA 23665-5000	1
2 WS CC 245 DAVIS AVE EAST BARKSDALE AFB LA 71110-2269	1
2AF DRW 8801 C ST STE 600 BEALE AFB CA 95903-1537	1
USCENTAF A3-DOOW STE 225 524 SHAW DR SHAW AFB SC 29152-5029	1
12 AF DOOSM 5325 E KACHINA ST DAVIS-MONTHAN AFB AZ 85707-4921	1
509 OSS OSW 745 ARNOLD AVE STE 1A WHITEMAN AFB MO 65305-5026	1
HQ 1ST WEAG WSOT BLDG 130 ANDERSON WAY FT MCPHERSON GA 30330-5000	1
OL-A 1ST WEAG BLDG 6212 FT IRWIN CA 92310-3000	1
DET 3 1ST WEAG BLDG AT3551 PRAGER ST FT BRAGG NC 28307-5000	1
DET 4 1ST WEAG BLDG 2065 RM 139 HANGAR ACCESS DR FT DRUM NY 13602-5042	1
AMC XOW 402 SCOTT DR RM 132 SCOTT AFB IL 62225-5363	1
AMC XOWR 402 SCOTT DR UNIT 3A1 SCOTT AFB IL 62225-5302	1
1 SOW OGSW 150 BENNETT BLDG 90730 HURLBURT FLD FL 32544-5000	1
23 OSS OSW 3933 SURVEYOR ST STE A POPE AFB NC 28308-2797	1
60 OSS WX 401 2D ST BLDG P4 TRAVIS AFB CA 94535-5986	1
62 OSS WXF 1172 E ST MCCHORD AFB WA 98438-1008	1
89 OSS WX 1240 MENOHER DR BLDG 1220 ANDREWS AFB MD 20331-6511	1
97 OSS WXF 603 E AVE STE 1 ALTUS AFB OK 73523-5033	1
314 OSS OSW 2740 FIRST ST BLDG 120 LITTLE ROCK AFB AR 72099-5060	1
375 WS OGWB 433 HANGAR RD RM 139 SCOTT AFB IL 62225-5029	1
436 OSS WXF 501 EAGLE WAY STE B BLDG 501 DOVER AFB DE 19902-7504	1
437 OSS SSW 101 S BATES STE A BLDG 162 CHARLESTON AFB SC 29404-5013	1
438 OSS WXF BLDG 1730 VANDENBERG AVE MCGUIRE AFB NJ 08641-5509	1
HQ AFSPACECOM DOGW 150 VANDENBERG ST STE 1105 PETERSON AFB CO 80914-4200	1
45 WS BLDG 423 C ST PATRICK AFB FL 32925-6537	1
AFTAC TNLW 1030 S HWY A1A PATRICK AFB FL 32925-3002	1
30 WS 900 CORRAL RD BLDG 21150 VANDENBERG AFB CA 93437-5002	1
AFMC DOW 4225 LOGISTICS AVE STE 2 WRIGHT PATTERSON AFB OH 45433-5714	1
FASTC TAW 4115 HEBBLE CREEK RD STE 33 WRIGHT-PATTERSON AFB OH 45433-5637	1
AFIT CIR WRIGHT-PATTERSON AFB OH 45433-6583	1
AFIT ENP 2950 P ST WRIGHT PATTERSON AFB OH 45433-7765	1
WRDC WE BLDG 22 WRIGHT-PATTERSON AFB OH 45433-6543	1
UTTR WE HILL AFB UT 84056-5000	1
AFOTEC WE KIRTLAND AFB NM 87117-7001	1
ESMC WE PATRICK AFB FL 32925-5000	1
ESC WE 5 EGLIN ST HANSCOM AFB MA 01731-2122	1

PL GP ATTN DR HAROLD ROTH 29 RANDOLPH RD HANSCOM AFB MA 01731-3010	1
PL TSML 5 WRIGHT ST HANSCOM AFB MA 017313004	1
PL WE 3350 ABERDEEN KIRTLAND AFB NM 87117-5987	1
AFCEA WE TYNDALL AFB FL 32403-5000	1
AFESC RDXT BLDG 1120 STOP 21 TYNDALL AFB FL 32403-5000	1
OL-A AFCOS SITE R FORT RITCHIE MD 21719-5010	1
USAFALCENT RA POPE AFB NC 28308-5000	1
CCSO FL TINKER AFB OK 73145-6340	1
AFOSR NL BOLLING AFB DC 20332-5000	1
AL OEBE 2402 EAST DRIVE BROOKS AFB TX 78235-5114	1
AETC XOSW 1F ST STE 2 RANDOLPH AFB TX 78150-4325	1
334 TTS TTMV BDLG 4332 700 H ST KEESLER AFB MS 39534-2499	1
5 WS (PACAF) UNIT 15173 APO AP 96205-0108	1
DET 1 5 WS UNIT 15678 APO AP 96205-0678	1
DET 2 5 WS UNIT 15200 APO AP 96271-0136	1
DET 3 5 WS UNIT 15674 APO AP 96258-0674	1
8 OSS WS UNIT 2139 APO AP 96264-2139	1
603 ACCS WE UNIT 2051 APO AP 96278-2072	1
PACAF DOW BLDG 1102 25 E ST STE I232 HICKAM AF HI 96853-5426	1
18 OSS OSW UNIT 5177 BOX 4 APO AP 96368-5177	1
374 OSS DOW UNIT 5222 APO AP 96328-5222	1
432 OSS OGSW UNIT 5011 APO AP 96319-5011	1
643 SPTS OF UNIT 12526 APO AP 96513-2526	1
673 OPS WE UNIT 12509 APO AP 96512-2250	1
11 OPG WE 6900 9TH STE 205 ELMENDORF AFB AK 99506-5000	1
354 WS 1215 FLIGHTLINE AVE STE 2 EIELSON AFB AK 99702-1520	1
633 OSS OSW UNIT 14035 APO AP 96543-4035	1
DET 1 633 OSS COMNAVMAV PSC 489 BOX 20 FPO AP 96536-0051	1
HQ NATO STAFF MET OFFICER LMS OPS APO AE 09724	1
USAFE DOOW UNIT 3050 BOX 15 APO AE 09094-5015	1
3AF DOW UNIT 4840 APO AE 09459-4840	1
16AF WE UNIT 6365 APO AE 09601-6365	1
17AF WE UNIT 4065 APO AE 09136-5000	1
86 WS DO UNIT 8495 APO AE 09094-8495	1
DET 1 86 WS UNIT 7890 APO AE 09126-7890	1
10 OSS OSW UNIT 5605 BOX 175 APO AE 09470-5175	1
20 OSS DOM UNIT 5475 APO AE 09466-5475	1
32 OSS WE UNIT 6795 APO AE 09719-6795	1
36 OSS DOM UNIT 3860 BOX 210 APO AE 09132-0210	1
39 OSS OSW UNIT 7090 BOX 115 APO AE 09824-0115	1
48 OSS DOM UNIT 5245 BOX 390 APO AE 09464-5390	1
52 OSS WEF UNIT 8870 BOX 270 APO AE 09126-0270	1
65 ALSS WEF APO AE 09720-7795	1
100 OSS DOW UNIT 4965 APO AE 09459-4965	1
401 OSS OGSW UNIT 6170 APO AE 09601-6170	1
435 OSS DOW UNIT 9080 BOX 190 APO AE 09097-0190	1
7WS DO UNIT 29351 APO AE 09014-5000	4
DET 1 7 WS HQ USEUCOM ECJ3-OD-WE UNIT 30400 BOX 1000 APO AE 09128-5000	1
DET 2 7 WS UNIT 20200 APO AE 09165-9816	1
DET 3 7WS UNIT 29231 APO AE 09102-3737	1
DET 7 7WS UNIT 28130 APO AE 09114-5000	1
DET 8 7WS UNIT 25202 APO AE 09079-5000	1
DET 10 7WS UNIT 26410 APO AE 09182-0006	1
DET 13 7WS CMR 416 BOX S APO AE 09140-9998	1
DET 26 7WS UNIT 29632 APO AE 09096-5000	1
104 WEATHER FLIGHT BLDG 929 FT MEADE MD 20755-5430	1
105 WEATHER FLIGHT TENNESSEE AIR NATIONAL GUARD 240 KNAPP BLVD NASHVILLE TN 37217-2538	1
107 WEATHER FLIGHT SELFDRIDGE ANGB MI 48045-5024	1
110 WEATHER FLIGHT 10800 NATURAL BRIDGE RD BRIDGETON MO 63044-2371	1
111 WEATHER FLIGHT ELLINGTON ANGB TX 77034-5586	1
113 WEATHER FLIGHT IN ANG HULMAN FLD TERRE HAUTE IN 47803-5000	1
116 WEATHER FLIGHT WA ANG BLDG 307 6TH ST MCCHORD AFB WA 98439-1201	1

DIST-2

199 WEATHER FLIGHT	MCGUIRE AFB NJ 08641-6004	1
120 WEATHER FLIGHT	BUCKLEY ANGB CO 80011-9599	1
121 WEATHER FLIGHT	STOP 28 ANDREWS AFB MD 20331-6539	1
122 WEATHER FLIGHT	NEW ORLEANS NAS LA 70143-0200	1
123 WEATHER FLIGHT	PORTLAND IAP OR 97218-2797	1
125 WEATHER FLIGHT	PO BOX 580340 TULSA AFS OK 74158-0340	1
126 WEATHER FLIGHT	WI ANG 350 E COLLEGE MILWAUKEE WI 53207-6298	1
127 WEATHER FLIGHT	FORBES FLD TOPEKA KS 66619-5000	1
130 WEATHER FLIGHT	YEAGER APT CHARLESTON WV 25311-5000	1
131 WEATHER FLIGHT	1 TANK DESTROYER BLVD BARNES ANGB MA 01085-1385	1
140 WEATHER FLIGHT	WILLOW GROVE NAS PA 19090-5105	1
146 WEATHER FLIGHT	GTR PITTSBURG ANG AN PA 15231-0459	1
154 WEATHER FLIGHT	CAMP ROBINSON NORTH LITTLE ROCK AR 72118-2200	1
156 WEATHER FLIGHT	5225 MORRIS FLD DR CHARLOTTE NC 28208-5797	1
159 WEATHER FLIGHT	C O HQ FLANG STATE ARSENAL ST AUGUSTINE FL 32085-1008	1
163 WEATHER FLIGHT	FT WAYNE MAP IN 46809-5000	1
164 WEATHER FLIGHT	RICKENBACKER ANGB OH 43217-5007	1
165 WEATHER FLIGHT	STANDIFORD FLD LOUISVILLE KY 40213-2678	1
181 WEATHER FLIGHT	8150 W JEFFERSON BLV DALLAS TX 75211-9570	1
182 WEATHER FLIGHT	KELLY AFB TX 78241-7001	1
195 WEATHER FLIGHT	BLDG 106 106 MULCAHEY DR PORT HUENENE CA 93041-4003	1
199 WEATHER FLIGHT	1102 WRIGHT AVE HICKAM AFB HI 96853-5200	1
200 WEATHER FLIGHT	5680 BEULAH RD SANDSTON VA 23150-6109	1
202 WEATHER FLIGHT	OTIS ANGB MA 02542-5028	1
203 WEATHER FLIGHT	FT INDIANTOWN GAP ANNVILLE PA 17003-5002	1
204 WEATHER FLIGHT	MCGUIRE AFB NJ 08641-6004	1
207 WEATHER FLIGHT	3912 W MINNESOTA ST INDIANAPOLIS IN 46241-4064	1
208 WEATHER FLIGHT	206 AIRPORT DRIVE ST PAUL MN 55107-4098	1
209 WEATHER FLIGHT	2210 W 35TH ST BLDG 9 RM 119 AUSTIN TX 78703-1222	1
210 WEATHER FLIGHT	1280 SOUTH TOWER DRIVE ONTARIO ANG CA 91761-7627	1
COMNAVOCEANCOM CODE N312	STENNIS SPACE CTR MS 39529-5000	1
COMNAVOCEANCOM CODE N332	STENNIS SPACE CTR MS 39529-5001	1
NAVOCEANO CODE N25131	ATTN BERNIE RAU BLDG 8100 RM 203D STENNIS SPACE CTR MS 39522-5001	1
NAVOCEANO CODE 9220	STENNIS SPACE CTR MS 39529-5001	1
NAVOCEANO CODE N2513	1002 BALCH BLVD STENNIS SPACE CTR MS 39522-5001	1
FNOC LIBRARIAN FLENUMOCEANEN	MONTEREY CA 93943-5005	1
MAURY OCEANOGRAPHIC LIBRARY	NAVAL OCEANOGRAPHY OFFICE N4312 BLDG 1003 STENNIS SPACE CTR MS 39522-5001	1
NAVAL RESEARCH LABORATORY	MONTEREY CA 93943-5006	1
NAVAL RESEARCH LABORATORY CODE 4323	WASHINGTON DC 20375-5000	1
NAVAL RESEARCH LABORATORY CODE 4180	WASHINGTON DC 20375-5000	1
NAVAL POSTGRADUATE SCHOOL CHMN DEPT OF METEOROLOGY CODE 63	MONTEREY CA 93943-5000	1
NAVAL EASTERN OCEANOGRAPHY CTR (CLIM SECTION) U117 MCCADY BLDG	NORFOLK NAS NORFOLK VA 23511-5000	1
NAVAL WESTERN OCEANOGRAPHY CTR BOX 113	ATTN TECH LIBRARY PEARL HARBOR HI 96860-7000	1
NAVAL POLAR OCEANOGRAPHY CTR 4301 SUITLAND ROAD FOB #4	WASHINGTON DC 20395-5108	1
NAVAL EUROPEAN METEOROLOGY AND OCEANOGRAPHY CTR PSC 819 BOX 31	FPO AE 09645-3200	1
NAVOCEANCOMDET FEDERAL BUILDING ASHEVILLE NC 28801-2696		1
NAVAL AIR WARFARE CENTER WEAPONS DIVISION GEOPHYSICAL SCIENCES BRANCH CODE 3254	PT MUGU CA 93042-5001	1
ARMY TRAINING AND DOCTRINE COMMAND ATDO-IW (ATTN SWO) FT MONROE VA 23651-5000		1
75TH RGR (ATTN SWO) FT BENNING GA 31905-5000		1
CDR USASOC ATTN AOIN-ST FT BRAGG NC 28307-5200		1
JSOC WEATHER PO BOX 70239 FT BRAGG NC 28307-5000		1
ARMED FORCES MEDICAL INTEL CTR INFO SVCS DIV BLDG 1607 FT DETRICK FREDERICK MD 21702-5004		1
ARMY RESEARCH LAB BATTLEFIELD ENVIRONMENT DIR ATTN AMSRL-BE-W WHITE SANDS MISSILE RANGE NM 88002-5501		1
USA TECOM ATTN AMSTE-TC-AA WHITE SANDS MISSILE RANGE NM 88002-5504		1
NATL RANGE DIRECTORATE METEOROLOGICAL BRANCH ATTN STEWS-NE-DA-F WHITE SANDS MISSILE RANGE NM 88002-5504		1
USA TECOM ATTN AMSTE-TC-AM CAB ABERDEEN PROVING GROUND MD 21005-5001		1
US ARMY REDSTONE TECHNICAL TEST CTR ATTN STERT-TE-F-MT REDSTONE ARSENAL AL 35898-8052		1

USA TECOM ATTN AMSTE-TC-AM(BE) C O NVESD FT BELVOIR VA 22060-5677	1
USA TECOM ATTN AMSEL-RD-NV-VMD (MET) FT BELVOIR VA 22060-5677	1
DIRECTOR USA-CETEC ATTN GL-AE FORT BELVOIR VA 22060-5546	1
US ARMY INTEL CTR AND FT HUACHUCA WEATHER SUPPORT TEAM ATTN ATZS-CDI-W FT HUACHUCA AZ 85613-6000	1
PL TSML RESEARCH LIBRARY HANSCOM AFB MA 01731-5000	1
ROME LAB TECH LIB FL2810 CDR W STE 262 RL SUL DOC LIB 26 ELECTRONICS PARKWAY BLDG 106 GRIFFISS AFB NY 13441-4514	1
TECHNICAL LIBRARY DUGWAY PROVING GROUND DUGWAY UT 84022-5000	1
NOAA CENTRAL LIBRARY 1315 EAST-WEST HIGHWAY STE 2000 SILVER SPRING MD 20910	1
NOAA MASC LIBRARY MC5 325 BROADWAY BOULDER CO 80303-3328	1
NOAA NESDIS ATTN NANCY EVERSON E RA22 WORLD WEATHER BLDG RM 703 WASHINGTON DC 20233	1
NGDC NOAA ATTN: AF LIAISON OFFICER MAIL CODE E GC2 325 BROADWAY BOULDER CO 80333-3328	1
NIST PUBS PRODUCTION RM A635 ADMIN BLDG GAITHERSBURG MD 20899	1
NCDC LIBRARY FEDERAL BUILDING ASHEVILLE NC 28801-2733	2
CAPE CANAVERAL FORECAST FACILITY ROCC BLDG 81900 CAPE CANAVERAL AFS FL 32925-6537	1
WEATHER READINESS TRAINING CENTER (WRTC) PO BOX 465 RTE 1 CAMP BLANDING STARKE FL 32091-9703	1
193 SOG DOW BLDG 19-101 RM 108 AASF #1 INDIANTOWN GAP ANNAVILLE PA 17003-5005	1
USAF DFP 2354 FAIRCHILD DR STE 2A6 USAF ACADEMY CO 80840-6254	1
USAF DEPT OF ECONOMICS & GEOGRAPHY COLORADO SPINGS CO 80840-5701	1
8 TDCS DA TINKER AFB OK 73145-6503	1
2854ABG SSL TINKER AFB OK 73145-5000	1
99MAS DOV ANDREWS AFB MD 20331-5000	1
1CC AZSB-GTFD AH-64CSM-ATTAC FT CAMPBELL KY 42223-5000	1
HQ 5TH US ARMY AFKB-OP (SWO) FT SAM HOUSTON TX 78234-7001	1
USCINCPAC (J37) BOX 13 CAMP HM SMITH HI 96861-5025	1
DTIC-FDAC CAMERON STATION ALEXANDRIA VA 22304-8145	2
AUL LSE BLDG 1405 600 CHENNAULT CIRCLE MAXWELL AFB AL 36112-6424	1
AWSTL (stock)	150